

GEOPHYSICAL RESEARCH PAPERS

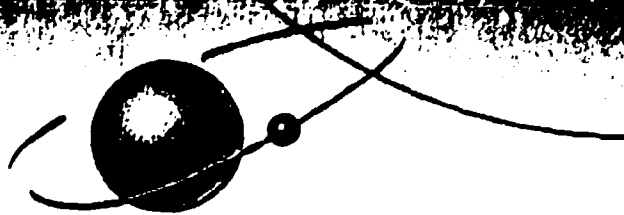
No. 73

THE GREEN GLOW DIFFUSION PROGRAM
Volume II

Edited by
Morton L. Barad
James J. Fuquoy

April 1962

GRD



GEOPHYSICS RESEARCH DIRECTORATE
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
OFFICE OF AEROSPACE RESEARCH
UNITED STATES AIR FORCE
BEDFORD, MASSACHUSETTS

AD-287284

LEGAL NOTICE

This report was prepared as an account of Government-sponsored work. Neither the United States, nor the U.S. Atomic Energy Commission, nor any person acting on behalf of the Commission:

- A. Makes any warranty or representation, expressed or implied, with respect to the accuracy, completeness, or usefulness of the information contained in this report, or that the use of any information, apparatus, method, or process disclosed in this report may not infringe privately owned rights; or
- B. Assumes any liabilities with respect to the use of, or for damages resulting from the use of any information, apparatus, method, or process disclosed in this report.

As used in the above, "person acting on behalf of the Commission" includes any employee or contractor of the Commission, or employee of such contractor, to the extent that such employee or contractor of the Commission, or employee of such contractor prepares, disseminates, or provides access to, any information pursuant to his employment or contract with the Commission, or his employment with such contractor.

Requests for additional copies by Agencies of the Department of Defense, their contractors, and other government agencies should be directed to the:

Armed Services Technical Information Agency
Arlington Hall Station
Arlington 12, Virginia

Department of Defense contractors must be established for ASTIA services, or have their 'need-to-know' certified by the cognizant military agency of their project or contract.

AFCRL-62-251(II)
HANFORD Doc. No. HW-71400-Vol. II

Geophysical Research Papers
No. 73

THE GREEN GLOW DIFFUSION PROGRAM
Volume II

Edited by

Morton L. Barad
James J. Fuquay *

April 1962

Work performed under Projects 1448 and 8604 United States Air Force; under Contract No. AT(45-1)-1350 between the Atomic Energy Commission and General Electric Company; and under United States Air Force Project Order Nos. 58-54, 59-542, and 60-552 to the Atomic Energy Commission. Distribution of this report includes AEC Standard Distribution Category UC-53, TID 4500(16th Ed.)

*** Hanford Laboratories**
Hanford Atomic Products Operation
General Electric Company, Richland, Wash.

Meteorological Research Laboratory
GEOPHYSICS RESEARCH DIRECTORATE
AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
OFFICE OF AEROSPACE RESEARCH
UNITED STATES AIR FORCE
Bedford, Massachusetts

Abstract

This report presents tabulations of the diffusion data and meteorological data that were collected during GREEN GLOW, which was a field investigation aimed at providing experimental data on the diffusion of an aerosol over a 16-mile range. Volume I describes the field site, forecasting techniques, diffusion-measuring methods, meteorological equipment, and operating procedures. The experiments were conducted at night during the Summer of 1959 on the U. S. Atomic Energy Commission's Hanford reservation near Richland, Washington.

Table of Contents Volume II

XIII	Emission Times and Tracer Amounts Emitted	1
XIV	Values of Dosage	3
XV	Surface Weather Observations	123
XVI	Temperature Data from 400-ft Meteorology Tower	151
XVII	Wind Data from 400-ft Meteorology Tower	191
XVIII	Temperature and Wind Data from Portable Meteorological Mast	215
XIX	Wind Data from Radio-Telemetry Network	221
XX	Rawinsonde Data	259
XXI	Summary of Wind Predictions and Verifications	279

THE GREEN GLOW DIFFUSION PROGRAM

XIII Emission Times and Tracer Amounts Emitted

Table XIII-1 lists the periods during which fluorescent particles were emitted during the diffusion experiments, and also lists the amounts (M), in kilograms, of tracer material emitted.

As noted in Chapter V of Volume I, a propellor-type industrial mixer was used to stir the formulation during the first three experiments. From the fourth experiment on, mixing was done by means of bilge pumps.

Although the emission times in most of the experiments were 30 minutes, it will be noted that emission was terminated early in Experiment Nos. 2 and 4. A special experiment, designated as Experiment No. 98, was conducted with an emission time of 60 minutes.

TABLE XIII - 1

EMISSION TIMES AND TRACER AMOUNTS EMITTED

EXP. NO.	EMISSION PERIOD	M (KG)
1	06190128-06190158	.846
2	06252304-06252318	1.68
3	06282332-06290002	1.55
4	07062149-07062215	1.40
5	07082120-07082150	1.73
6	07102217-07102247	1.70
7	07132201-07132231	1.70
8	07152200-07152230	1.70
9	07162324-07162354	1.21
10	07192200-07192230	1.35
11	07212200-07212230	2.38
12	07230015-07230045	1.43
13	07242230-07242300	2.36
14	07290005-07290035	2.32
15	07310010-07310040	3.17
16	08052310-08052340	3.57
17	08072130-08072200	3.15
18	08092145-08092215	3.63
19	08112145-08112215	3.57
20	08140021-08140051	3.20
21	08142108-08142138	3.60
22	08172050-08172120	3.57
23	08182050-08182120	3.69
24	08250002-08250032	3.42
25	08252208-08252238	3.57
26	08282100-08282130	3.57
98	08302125-08302225	7.04

XIV Values of Dosage

Table XIV-1 contains (1) values of dosage, in gm sec m^{-3} , as measured at a height of 1.5 m above ground on each of the six sampling arcs employed in the Green Glow program, as well as (2) values of the relative standard error, which is defined as the standard deviation of repeat determinations of mass on a given filter as a percentage of the mass collected. Chapter VI of Volume I describes the horizontal network of samplers.

For convenience the data in Table XIV-1 are presented in the form of a computer listing. The first word on a line is an identification word. The second word contains the dosage as measured at an azimuth given in the first word. The appropriate relative standard error is given in the third word. The fourth and fifth words contain, respectively, the dosage and relative standard error at the next sampler position in a clockwise rotation. Likewise with the sixth and seventh words.

In the first word, the first digit denotes the arc; the third and fourth digits specify the experiment number; the sixth digit, always an 8, denotes the horizontal sampling grid; and the seventh, eighth, ninth, and tenth digits denote the azimuth of the sampler. An entry of 1040 in the last four digits of the first word indicates an azimuth of 104.0° . However, since the tenth digit specifies the number of quarter-degrees, an entry of 1042 in the last four digits indicates an azimuth 104.5° . This device was used to accommodate the half-degree and quarter-degree spacings on Arcs 5 and 6, respectively.

The "dosage" words are in floating point, the last two digits of the word indicating the power of ten to be applied to the number represented by the first eight digits. An entry of 1449500050 denotes $0.14495 \text{ gm sec m}^{-3}$; an entry of 1449500051 denotes $1.4495 \text{ gm sec m}^{-3}$; while an entry of 1449500048 denotes $0.0014495 \text{ gm sec m}^{-3}$. A blank indicates that a sample was missing or that the dosage determined by the Tri-Carb method was insufficiently greater than background to warrant its use. A dash preceding a "dosage" word indicates that the dosage value is believed to be in error. Errors arise because of such

reported mishaps in the field as moths on filters, split filters, filter caps left on, engines running out of gas, etc. In addition there are errors that arise in the laboratory analysis. For example some samples collected on Arcs 5 and 6 were so dirty that they actually read off-scale in the colorimeter used in the Tri-Carb technique.

The "relative standard error" words are also in floating point. When the dosage determined by the Tri-Carb method was insufficiently greater than background to warrant its use, all digits of this word are 9's.

Table XIV-2, pages 56 to 122, contains (1) values of dosage, in gm sec m^{-3} , as measured at 15 heights above ground on the wooden poles or towers erected on Arcs 1, 2, 3, and 4, and (2) corresponding values of the relative standard error. The vertical network of samplers is described in Chapter VI of Volume I.

Here again the data in Table XIV-2 are presented in the form of a computer listing. The first word on a line is an identification word. The second word contains the dosage as measured at an azimuth and at a height given in the first word. The appropriate relative standard error is given in the third word. The fourth and fifth words contain, respectively, the dosage and relative standard error at the next height, going upwards. Likewise with the sixth and seventh words. This pattern continues until the dosages at the 15 heights of a pole or tower have been listed.

In the first word, the first digit denotes the arc; the third and fourth digits specify the experiment number; the sixth digit, always a 9, denotes the vertical sampling grid; the seventh digit indicates the azimuth of the pole or tower; and the ninth and tenth digits denote the height of the sampler above ground. The azimuth digits used, 1 through 5, refer to azimuths of 098° , 106° , 114° , 122° , and 130° , respectively. The height digits, 1 through 15, refer to 15 heights (from the ground upward) as given, for each pole or tower, in Table IV-2 of Volume I.

The "dosage" words - that is, the second, fourth, and sixth words of each line - as well as the "relative standard error" words - that is, the third, fifth, and seventh words - are presented in floating point form. As in Table XIV-1, a dash preceding a "dosage" word indicates that the dosage value is believed to be in error. The earlier discussion of error sources applies here as well.

TABLE XIV-1

VALUES OF DOSAGE IN HORIZONTAL GRID

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M			GM SEC/CU.M			GM SEC/CU.M		
1001080900	2225789450		44000000049	2608411050		45000000049	3379243650		47000000049
1001080960	3455385650		47000000049	3979092850		49000000049	4713865450		50000000049
1001081020	4386563650		50000000049	3805636650		48000000049	3312846350		47000000049
1001081080	3904610950		49000000049	3538025250		48000000049	2643889250		45000000049
1001081140	2350061450		44000000049	1099299650		39000000049	5055554049		36000000049
1001081200	1037627049		35000000049	1026620048		48000000049	5938000046		77000000049
1001081260	1602000046		92000000049	3405000046		83000000049			
2001080900	8015051049		38000000049	9326823049		36000000049			
2001080960	1416229550		41000000049	1705168250		42000000049	1142754450		40000000049
2001081020	1349075150		41000000049	1111321950		39000000049	1436401250		41000000049
2001081080	7708393049		37000000049	4777849049		35000000049	9885550049		39000000049
2001081140	1829408049		34000000049	1018494049		35000000049	2877422049		34000000049
2001081200	4197430048		38000000049	3447160048		39000000049	5438700048		37000000049
2001081260	1035030048		48000000049	6674200047		51000000049	1374560048		45000000049
3001080900	3047000046		84000000049	2801000046		85000000049	4768000046		79000000049
3001080960	8862090048		34000000049	1165338049		34000000049			
3001080930	1789533049		34000000049	2164530049		34000000049	1540303049		34000000049
3001080960	2469525049		35000000049	2997182049		35000000049	2261557049		34000000049
3001080990	3159985049		35000000049	3192678049		35000000049	2942376049		35000000049
3001081020	2926193049		35000000049	3006406049		35000000049	3093369049		35000000049
3001081050	2559766049		35000000049	2328470049		35000000049	2625249049		35000000049
3001081080	1740173049		34000000049	1955777049		34000000049	1859844049		34000000049
3001081110	1490876049		34000000049	2573997049		35000000049	1569286049		34000000049
3001081140	9544040048		34000000049	6487000048		35000000049	9692910048		34000000049
3001081170	3711280048		37000000049	2379340048		39000000049	5147830048		35000000049
3001081200	1594720048		41000000049	1396020048		42000000049	1388710048		42000000049
3001081230	1590400048		41000000049	1294170048		43000000049	1385810048		42000000049
3001081260	1162890048		43000000049	1171680048		43000000049	1208190048		43000000049
3001081290	9637300047		45000000049	7910300047		46000000049	1091290048		44000000049
3001081320	1923000047		59000000049				6054300047		49000000049
4001080900	1459120048		37000000049	1663640048		37000000049	2238600048		35000000049
4001080930	2375620048		35000000049	2896490048		35000000049	3753900048		34000000049
4001080960	5102010048		34000000049	6500710048		34000000049	7461530048		34000000049
4001080990	7366910048		34000000049	9638820048		34000000049	6491800048		34000000049
4001081020	7153530048		34000000049	6967710048		34000000049	5211830048		34000000049

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
4001081050	5472820048	3400000049	3400000049	2333750048	9999999999	9999999999	3216940048	3400000049	
4001081080	2847910048	3500000049	3500000049	2199190048	3500000049	3500000049	2302680048	3500000049	
4001081110	1996310048	3600000049	3600000049	5087300047	4400000049	4400000049	1175630048	3800000049	
4001081140	8225400047	4000000049	4000000049	3892900047	4600000049	4600000049	4325100047	4500000049	
4001081170	2867700047	9999999999	9999999999	1899900047	5200000049	5200000049	1845500047	5200000049	
4001081200	1163800047	5600000049	5600000049	8389000046	6000000049	6000000049	1550500047	5400000049	
4001081230	9082000046	5900000049	5900000049	1090800047	5700000049	5700000049	8024000046	6000000049	
4001081260	2195700047	5100000049	5100000049	2367000047	5000000049	5000000049	1186900047	5600000049	
4001081290	2537700047	4900000049	4900000049	1671200047	5300000049	5300000049	1721100047	5300000049	
4001081320	2623000046	7200000049	7200000049	3032000046	7000000049	7000000049	7421000046	6100000049	
4001081350	1505000046	2100000050	2100000050	3152000046	2100000050	2100000050	5856000046	6300000049	
5001080942	3703000046	2100000050	2100000050	5484000046	2100000050	2100000050	2824000046	2100000050	
5001080960	8985000046	2100000050	2100000050	6713000046	2100000050	2100000050	7264000046	2100000050	
5001080972	6720000046	2100000050	2100000050	9254000046	2100000050	2100000050	6393000046	2100000050	
5001080990	1336600047	2100000050	2100000050	1409600047	2100000050	2100000050	9984000046	2100000050	
5001081002	1653300047	2100000050	2100000050	1800800047	2100000050	2100000050	6850000045	2100000050	
5001081020	1633200047	2100000050	2100000050	1844800047	2100000050	2100000050	1353800047	2100000050	
5001081032	1592900047	2100000050	2100000050	1433500047	9999999999	9999999999	6795000046	2100000050	
5001081050	1268100047	2100000050	2100000050	3710000046	2100000050	2100000050	1484900047	2100000050	
5001081062	1324700047	2100000050	2100000050	4984000046	2100000050	2100000050	8292000046	2100000050	
5001081080	1892000046	2100000050	2100000050	5901000046	2100000050	2100000050	6527000046	2100000050	
5001081092	5439000046	2100000050	2100000050	1810000046	2100000050	2100000050	7175000046	2100000050	
5001081110	4873000046	2100000050	2100000050	2757000046	2100000050	2100000050	5178000046	2100000050	
5001081122	8099000046	9999999999	9999999999	8940000045	2100000050	2100000050	4426000046	2100000050	
5001081140	3517000046	2100000050	2100000050	7450000045	2100000050	2100000050	4016000046	2100000050	
5001081152	3032000046	2100000050	2100000050	3196000046	2100000050	2100000050	3375000046	2100000050	
5001081170	1758000046	2100000050	2100000050	1520000046	2100000050	2100000050	2287000046	2100000050	
6001081301	1036000046	2100000050	2100000050	2116000046	2100000050	2100000050	1214000046	2100000050	
6001081310	1959000046	2100000050	2100000050	1937000046	2100000050	2100000050	4314000046	2100000050	
6001081313	1242000047	2100000050	2100000050	1378000046	2100000050	2100000050	1088000046	2100000050	
6001081322	1229000046	2100000050	2100000050	1572000046	2100000050	2100000050	1132000046	2100000050	
6001081331	1393000046	2100000050	2100000050	4426000046	8000000049	8000000049	1252000046	2100000050	
6001081331	1967000046	2100000050	2100000050	9231000046	7200000049	7200000049	1311000046	2100000050	
6001081340	1341000046	2100000050	2100000050				2064000046	2100000050	
6001081343	2071000046	2100000050	2100000050				1706000046	2100000050	
6001081352	3152000046	8400000049	8400000049				9187000046	2100000050	
1003080900	1027400047	7100000049	7100000049				7200000049	7200000049	
1003080960							1382800047	6700000049	

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
1003081020	1289400048	9136200048	4600000049	9136200048	4193664049	3500000049	4193664049	3500000049	
1003081080	8830547049	1604823050	3800000049	1604823050	1714038850	4200000049	1714038850	4200000049	
1003081140	2305902550	4881162250	4400000049	4881162250	8543943650	5000000049	8543943650	5600000049	
1003081200	1078054351	1102365851	5800000049	1102365851	9322398250	5800000049	9322398250	5600000049	
1003081260	7874316050	6594981350	5500000049	6594981350	4124824050	5300000049	4124824050	4900000049	
1003081320	1845045450	5282477049	4300000049	5282477049	1302265049	3600000049	1302265049	3400000049	
1003081380	1284780048	1540000047	4600000049	1540000047	6030000045	6600000049	6030000045	1040000050	
1003081440	1857400047	2123000046	6400000049	2123000046	8120000045	8800000049	8120000045	1000000050	
1003081500	1341000046	4679000046	9400000049	4679000046	1863000046	7900000049	1863000046	9000000049	
1003081550	7987000046	7391000046	7300000049	7391000046	2891000046	7400000049	2891000046	8500000049	
1003081620	2760000045	2123000046	1130000050	2123000046	8120000045	8800000049	8120000045	1000000050	
1003081680	4172000046	1341000046	8100000049	1341000046	1080000046	9400000049	1080000046	9600000049	
1003081740	8120000045	1080000046	1000000050	1080000046	2638000046	9600000049	2638000046	8600000049	
1003081800	4172000046	8100000049	8100000049						
2003080900	5208000046	7004000046	7800000049	7004000046	3539000046	7400000049	3539000046	8200000049	
2003080960	2302000046	3047000046	8700000049	3047000046	9894000046	8400000049	9894000046	7100000049	
2003081020	1803000046	4962000046	9000000049	4962000046	2801000046	7800000049	2801000046	8500000049	
2003081080	5290000045	2302000046	1050000050	2302000046	1088680048	8700000049	1088680048	4700000049	
2003081140	2457720048	5057521049	4100000049	5057521049	1281809150	3600000049	1281809150	4000000049	
2003081200	1487083050	1639770750	4100000049	1639770750	1495185550	4200000049	1495185550	4100000049	
2003081260	1206804550	5919047049	4000000049	5919047049	2120920049	3600000049	2120920049	3400000049	
2003081320	3581870048	3708900047	3900000049	3708900047	7900000045	5700000049	7900000045	1000000050	
2003081380	2302000046	4533700047	8700000049	4533700047	1296000046	5500000049	1296000046	9400000049	
2003081440	1815700047	5983000046	6400000049	5983000046	5290000045	7600000049	5290000045	1050000050	
2003081500	1803000046	7900000045	9000000049	7900000045	1550000046	1000000050	1550000046	9200000049	
2003081560	4031000046	7900000045	8100000049	7900000045	5290000045	1000000050	5290000045	1050000050	
2003081620	1550000046	1803000046	9200000049	1803000046	3539000046	9000000049	3539000046	8200000049	
2003081680	7900000045	1043000046	1000000050	1043000046	5290000045	9600000049	5290000045	1050000050	
2003081740	1296000046	2014600047	9400000049	2014600047	3850500047	5900000049	3850500047	5300000049	
3003081080	6810000046	9740100047	7000000049	9740100047	1165790048	4500000049	1165790048	4300000049	
3003081110	6435100047	3209410048	4800000049	3209410048	6981190048	3700000049	6981190048	3400000049	
3003081140	1603440048	3100850049	4100000049	3100850049	3856927049	3500000049	3856927049	3600000049	
3003081170	1710728049	3850825049	3400000049	3850825049	4751809049	3600000049	4751809049	3700000049	
3003081200	4488446049	3492297049	3700000049	3492297049	3000125049	3600000049	3000125049	3500000049	
3003081230	4076295049	5220000045	3600000049	5220000045	6623490048	1000000050	6623490048	3500000049	
3003081260	1796581049	1107380048	3400000049	1107380048	3624700047	4400000049	3624700047	5300000049	
3003081290	2655390048	3144000046	3800000049	3144000046	4304900047	7900000049	4304900047	4500000049	
3003081320	9790000046	4634000046	6600000049	4634000046		6600000049			
4003081090	5692000046		6400000049						

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
003081120	7551900047	4100000049	3004220048	3500000049	4995170048	3400000049			
003081150	1017958049	3400000049	1076631049	3500000049	7566510048	3400000049			
003081180	7788170048	3400000049	7350890048	3400000049	7274080048	3400000049			
003081210	6073560048	3400000049	3697500048	3400000049	1320170048	3800000049			
003081240	4026300047	4600000049	1014800047	5800000049	5133000046	6500000049			
003081012	1198800047	2100000050		9999999999		9999999999			
003081030	2064000046	2100000050	5834000046	2100000050		9999999999			
003081042		9999999999		9999999999	1610100047	2100000050			
003081060		9999999999	2633800047	2100000050	2941500047	2100000050			
003081072	3791600047	2100000050		9999999999	6555000047	2100000050			
003081090		9999999999		9999999999	3081600047	2100000050			
003081102	1093220048	2100000050		9999999999		9999999999			
003081120	1120870048	2100000050	1055750048	2100000050	1100820048	2100000050			
003081132		9999999999		9999999999		9999999999			
003081150		9999999999		9999999999		9999999999			
003081162	2591300047	2100000050	3869800047	2100000050	3688000047	2100000050			
003081180		9999999999	2081700047	2100000050	1470000047	2100000050			
003081192	5566000046	2100000050	1523600047	2100000050	1352300047	2100000050			
003081153	1319000046	2100000050	4000000046	2100000050	5100000046	2100000050			
003081162		9999999999		9999999999	2056000046	2100000050			
003081171	1557000046	2100000050		9999999999	9634000046	2100000050			
003081180		9999999999	3077000046	2100000050		9999999999			
003081183		9999999999	1171200047	2100000050	5819000046	9999999999			
003081192	5774000046	2100000050	5141000046	2100000050	1691300047	2100000050			
003081201		9999999999	7741000046	2100000050		9999999999			
003081210		9999999999	1631700047	2100000050	1768800047	2100000050			
003081213	1879800047	2100000050	3059200047	2100000050	3134500047	2100000050			
003081222	2691100047	2100000050	2651700047	2100000050	1753900047	2100000050			
003081231	2796200047	2100000050	3449600047	2100000050	2733600047	2100000050			
003081240	2380500047	2100000050	2853600047	2100000050		9999999999			
003081243	2263500047	2100000050	2834200047	2100000050	2849100047	2100000050			
003081252	3050300047	2100000050	2626300047	2100000050	2048900047	2100000050			
003081261	3413900047	2100000050	2463900047	2100000050	3058500047	2100000050			
003081270	2853600047	2100000050	3420600047	2100000050		9999999999			
003081273		9999999999		9999999999	2434100047	2100000050			
003081282	2732900047	2100000050		9999999999	1899900047	2100000050			
003081291	3036900047	2100000050	2976500047	2100000050	2718700047	2100000050			
003081300	2387200047	2100000050	1829100047	2100000050	1778500047	2100000050			
003081303	1082600047	2100000050		9999999999	4798000046	2100000050			

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
6003081312	4180000046		2100000050	3554000046		2100000050	1721000046		2100000050
6003081321			9999999999	3688000046		2100000050			9999999999
6003081330			9999999999	1170000046		2100000050			9999999999
6003081333			9999999999	9910000045		2100000050			9999999999
6003081342	8790000045		2100000050	9000000046		2100000050			9999999999
6003081351	1818000046		2100000050			9999999999			2100000050
6003081360	2310000046		2100000050	5960000045		2100000050			2100000050
6003081363			9999999999	1751000046		2100000050			2100000050
6003081372			9999999999	2226000046		2100000050			2100000050
6003081381	2861000046		2100000050	2310000046		2100000050			9999999999
6003081390			9999999999	4895000046		2100000050			2100000050
6003081393			9999999999			2100000050			2100000050
6003081402	3859000046		2100000050	1848000046		2100000050			2100000050
6003081411	2168000046		2100000050	1051000046		2100000050			9999999999
6003081420	1267000046		2100000050	5297000046		9999999999			2100000050
6003081423			9999999999			9999999999			2100000050
6003081432			9999999999	7670000045		2100000050			
1004080900	7307224049		3200000049	1096379050		3300000049	1474177150		3500000049
1004080960	1774491450		3600000049	1609695750		3500000049	1920		3700000049
1004081020	1291507550		3400000049	2372535350		3800000049	186325550		3600000049
1004081080	2156424550		3700000049	3325144250		4000000049	2409855350		3800000049
1004081140	2455040150		3800000049	3274878150		4000000049	3848102750		4100000049
1004081200	3152643150		4000000049	2174390150		3700000049	3072441250		3900000049
1004081260	2491638850		3800000049	1930785250		3700000049	1263576050		3400000049
1004081320	1241934350		3400000049	1091714250		3300000049	1354026850		3500000049
1004081380	1709964950		3600000049	1566445150		3500000049	1581658450		3500000049
1004081440	1247476050		3400000049	1328261950		3400000049	8376345049		3200000049
1004081500	7371455049		3200000049	7071011049		3100000049	7580601049		3200000049
1004081560	7194325049		3200000049	9384722049		3300000049	8866914049		3200000049
1004081620	1283904950		3400000049	1612415250		3600000049	2528618350		3800000049
1004081680	2794698650		3900000049	2278664050		3800000049	2753080450		3900000049
1004081740	2520955450		3800000049	1411699550		3500000049	3555670049		2900000049
1004081800	1918750048		3700000049						
2004080900	2319370048		4200000049	3203300048		3900000049	3449320048		3900000049
2004080960	4333630048		3800000049	8103470048		3500000049	8687080048		3500000049
2004081020	1250470049		3400000049	1925327049		3400000049	2123609049		3400000049
2004081080	2644248049		3400000049	3121957049		3400000049	3753401049		3500000049
2004081140	2488829049		3400000049	1865134049		3400000049	1008578049		3500000049
2004081200	3399250048		3900000049	2041910048		4200000049	2094810048		4200000049

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
2004081260	1719070048	4400000049	4400000049	1260640048	9533000047	4600000049	9533000047	4800000049	4800000049
2004081320	1152460048	4700000049	4700000049	1676980048	2209320048	4400000049	2209320048	4200000049	4200000049
2004081380	3759860048	3900000049	3900000049	4502160048	5597550048	3800000049	5597550048	3700000049	3700000049
2004081440	4911800048	3700000049	3700000049	2932850048	2698820048	4000000049	2698820048	4100000049	4100000049
2004081500	4599240048	3700000049	3700000049	4320670048	4651020048	3800000049	4651020048	3700000049	3700000049
2004081560	4812700048	3700000049	3700000049	4249360048	5473050048	3800000049	5473050048	3700000049	3700000049
2004081620	7190630048	3600000049	3600000049	6932620048	7241820048	3600000049	7241820048	3600000049	3600000049
2004081680	8684990048	3500000049	3500000049	8640440048	8035450048	3500000049	8035450048	3500000049	3500000049
2004081740	9318370048	3500000049	3500000049	1004353049	7610170048	3500000049	7610170048	3500000049	3500000049
2004081800	1834180048	4300000049	4300000049						
3004080900	2660000046	8100000049	8100000049	1349000046	2496000046	8800000049	2496000046	8100000049	8100000049
3004080930	5014000046	7300000049	7300000049	1963200047	3176200047	5900000049	3176200047	5400000049	5400000049
3004080960	5339100047	5000000049	5000000049	6043900047	9284900047	4900000049	9284900047	4500000049	4500000049
3004080990	7772400047	4700000049	4700000049	7319400047	8358100047	4700000049	8358100047	4600000049	4600000049
3004081020	1113190048	4400000049	4400000049	1609250048	2182870048	4100000049	2182870048	3900000049	3900000049
3004081050	2845150048	3800000049	3800000049	4257860048	5233360048	3600000049	5233360048	3500000049	3500000049
3004081080	5344080048	3500000049	3500000049	7653460048	8263290048	3400000049	8263290048	3400000049	3400000049
3004081110	9439220048	3400000049	3400000049	8570400048	6520450048	3400000049	6520450048	3500000049	3500000049
3004081140	5292220048	3500000049	3500000049	4353670048	3469140048	3600000049	3469140048	3700000049	3700000049
3004081170	2185780048	3900000049	3900000049	1380000048	1009260048	4200000049	1009260048	4500000049	4500000049
3004081200	7866300047	4700000049	4700000049	7511700047	6509600047	4700000049	6509600047	4800000049	4800000049
3004081230	4541900047	5100000049	5100000049	3241700047	2893800047	5400000049	2893800047	5500000049	5500000049
3004081260	1264400047	6400000049	6400000049	1115248049	1160800047	3400000049	1160800047	6400000049	6400000049
3004081290	1062500047	6500000049	6500000049	1414100047	1599600047	6200000049	1599600047	6100000049	6100000049
3004081320	2142000047	5800000049	5800000049	3443700047	2417000047	5400000049	2417000047	5700000049	5700000049
3004081350	2731400047	5600000049	5600000049	2792500047	3398200047	5600000049	3398200047	5400000049	5400000049
3004081380	3685100047	5300000049	5300000049						
4004081020	6087000046	6300000049	6300000049	1877500047	2587600047	5200000049	2587600047	4900000049	4900000049
4004081050	4172300047	4500000049	4500000049	5549200047	6326300047	4300000049	6326300047	4200000049	4200000049
4004081080	1143960048	3800000049	3800000049	1671980048	2241730048	3700000049	2241730048	3500000049	3500000049
4004081110	2414880048	3500000049	3500000049	2258870048	2026260048	3500000049	2026260048	3600000049	3600000049
4004081140	1604110048	3700000049	3700000049	1046210048	7067600047	3900000049	7067600047	4100000049	4100000049
4004081170	4358600047	4500000049	4500000049	2358100047	2290300047	5000000049	2290300047	5000000049	5000000049
4004081200	2171100047	5100000049	5100000049	1184600047	1248700047	5600000049	1248700047	5600000049	5600000049
4004081230	9015000046	5900000049	5900000049	5342000046	3837000046	6400000049	3837000046	6800000049	6800000049
4004081260	4850000046	6500000049	6500000049	5364000046	6162000046	6400000049	6162000046	6300000049	6300000049
4004081290	7026000046	6100000049	6100000049	7577000046	8762000046	6100000049	8762000046	5900000049	5900000049
4004081320	4448000046	6600000049	6600000049	5670000046	6676000046	6400000049	6676000046	6200000049	6200000049
4004081350	5275000046	6400000049	6400000049	4217000046	6393000046	6700000049	6393000046	6200000049	6200000049

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
4004081380	5059000046	6500000049	6500000049	5975000046	6300000049	6300000049	7160000046	6100000049	6100000049
4004081410	5275000046	6400000049	6400000049	4217000046	6700000049	6700000049	4426000046	6600000049	6600000049
4004081440	2719000046	7100000049	7100000049	3077000046	7000000049	7000000049	2861000046	7100000049	7100000049
4004081470	2429000046	7300000049	7300000049	2936000046	7100000049	7100000049	4143000046	6700000049	6700000049
4004081500	4217000046	6700000049	6700000049	3859000046	6800000049	6800000049	3144000046	7000000049	7000000049
4004081530	6042000046	6300000049	6300000049	3003000046	7000000049	7000000049	4850000046	6500000049	6500000049
4004081560	8553000046	6000000049	6000000049	7719000046	6100000049	6100000049	8620000046	5900000049	5900000049
4004081590	1193600047	5600000049	5600000049	9939000046	5800000049	5800000049	8211000046	6000000049	6000000049
4004081620	7719000046	6100000049	6100000049	6467000046	6200000049	6200000049	9246000046	5900000049	5900000049
4004081650	8278000046	6000000049	6000000049	8412000046	6000000049	6000000049	6042000046	6300000049	6300000049
4004081680	9038000046	5900000049	5900000049	7093000046	6100000049	6100000049	5834000046	6300000049	6300000049
4004081710	7927000046	6000000049	6000000049	1097500047	5700000049	5700000049	8345000046	6000000049	6000000049
4004081740	6184000046	6300000049	6300000049	5342000046	6400000049	6400000049	4426000046	6600000049	6600000049
4004081770	2794000046	7100000049	7100000049						
5004081062	2161000046	2100000050	2100000050	5603000046	2100000050	2100000050	1155000046	2100000050	2100000050
5004081080	1825000046	2100000050	2100000050	2138000046	2100000050	2100000050	7972000046	2100000050	2100000050
5004081092	1606300047	2100000050	2100000050	1730000047	2100000050	2100000050	2254500047	2100000050	2100000050
5004081110	2676200047	2100000050	2100000050	3260400047	2100000050	2100000050	3928700047	2100000050	2100000050
5004081122	4108200047	2100000050	2100000050	4487500047	2100000050	2100000050	5231800047	2100000050	2100000050
5004081140	4756500047	2100000050	2100000050	4391400047	2100000050	2100000050	4348900047	2100000050	2100000050
5004081152	4407800047	2100000050	2100000050	4590300047	2100000050	2100000050	4030800047	2100000050	2100000050
5004081170	3799800047	2100000050	2100000050	4253500047	2100000050	2100000050	3465300047	2100000050	2100000050
5004081182	2464700047	2100000050	2100000050	2720200047	2100000050	2100000050	1423800047	2100000050	2100000050
5004081200	9596000046	2100000050	2100000050	6095000046	2100000050	2100000050	4448000046	2100000050	2100000050
5004081212	2608000046	2100000050	2100000050	2369000046	2100000050	2100000050	1796000046	2100000050	2100000050
5004081230	2131000046	2100000050	2100000050	1438000046	2100000050	2100000050	2228000046	2100000050	2100000050
5004081242	4314000046	2100000050	2100000050	6410000045	2100000050	2100000050	9835000046	2100000050	2100000050
5004081260	3703000046	2100000050	2100000050	3509000046	2100000050	2100000050	1311000046	2100000050	2100000050
5004081272	1118000046	2100000050	2100000050	2049000046	2100000050	2100000050	1468000046	2100000050	2100000050
5004081290		9999999999	9999999999	4187000046	2100000050	2100000050	4373000046	2100000050	2100000050
5004081302	1624000046	2100000050	2100000050	1110000046	2100000050	2100000050		9999999999	9999999999
5004081320	7316000046	2100000050	2100000050	9775000046	2100000050	2100000050	3390000046	2100000050	2100000050
5004081332	1264400047	2100000050	2100000050	1743000046	2100000050	2100000050	4388000046	2100000050	2100000050
5004081350	1289000046	2100000050	2100000050	1572000046	2100000050	2100000050	1460000046	2100000050	2100000050
5004081362	3561000046	2100000050	2100000050	1088000046	2100000050	2100000050	2256000046	2100000050	2100000050
5004081380	3077000046	2100000050	2100000050	1974000046	2100000050	2100000050	4008000046	2100000050	2100000050
5004081392	1326000046	2100000050	2100000050	2801000046	2100000050	2100000050	1498000046	2100000050	2100000050
5004081410		9999999999	9999999999	2019000046	2100000050	2100000050	2556000046	2100000050	2100000050
5004081422	3301000046	2100000050	2100000050		9999999999	9999999999	3129000046	2100000050	2100000050

TABLE XIV-1 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU. M	S.E.	GM SEC/CU. M	S.E.	GM SEC/CU. M	S.E.
5004081440		9999999999	2638000046	2100000050	1073000046	2100000050
5004081452	2384000046	2100000050	6922000046	2100000050	2563000046	2100000050
5004081470		9999999999		9999999999		9999999999
5004081482	1527000046	2100000050		2100000050	3077000046	2100000050
5004081500	3643000046	2100000050	9460000045	9999999999	6430000046	2100000050
5004081512	1699000046	2100000050				
6004081062	1030400047	2100000050	1218200047	2100000050	1280800047	2100000050
6004081071	1417800047	2100000050	1020000047	2100000050	2488500047	2100000050
6004081080	1169000047	2100000050	1279300047	2100000050	9082000046	2100000050
6004081083	1090800047	2100000050	8866000046	2100000050	9924000046	2100000050
6004081092	7354000046	2100000050	8412000046	2100000050	5111000046	2100000050
6004081101	7026000046	2100000050	6311000046	2100000050	4292000046	2100000050
6004081110	5290000046	2100000050	5230000046	2100000050	3852000046	2100000050
6004081113	6117000046	2100000050	3226000046	2100000050	3532000046	2100000050
6004081122	3219000046	2100000050	3710000046	2100000050	3316000046	2100000050
6004081131	2429000046	2100000050			1222000046	2100000050
6004081140	1729000046	2100000050	1393000046	2100000050	2213000046	2100000050
6004081143	1572000046	2100000050	7970000045	2100000050	1863000046	2100000050
6004081152		9999999999	1132000046	2100000050	2354000046	2100000050
6004081161		9999999999	2384000046	2100000050		
1005080900	1341000046	9400000049	3912000046	8100000049	3152000046	8400000049
1005080960	1444700047	6700000049	5685000046	7700000049	8605000046	7200000049
1005081020	2891000046	8500000049	7272000046	7400000049	3912000046	8100000049
1005081080	8851000046	7200000049	6102000046	7600000049	6527000046	7600000049
1005081140	1115720048	4700000049	1192562049	3400000049	6974399049	3700000049
1005081200	2706957650	4600000049	6442786850	5300000049	1027766051	5700000049
1005081260	1673054651	6200000049	1550354651	6100000049	1074438751	5800000049
1005081320	6228622050	5300000049	2144974550	4400000049	6021239049	3600000049
1005081380	8100420048	3500000049	7244900047	5100000049	5431000046	7800000049
1005081440	1080000046	9600000049	6191000046	7600000049	5440000045	1050000050
1005081500	3658000046	8200000049				
2005081160	4522000046	7900000049	6959000046	7400000049	4265500047	5600000049
2005081220	1363285049	3400000049	9007536049	3800000049	2337118250	4500000049
2005081280	2214887050	4400000049	1399330850	4100000049	4466303049	3500000049
2005081340	1000971049	3500000049	9172400047	4900000049	5908000046	7600000049
2005081400	4277000046	8000000049				
2005081200	1349000046	3800000049	1520000046	8700000049	1702500047	6100000049
2005081230	1336410048	4200000049	8740500048	3400000049	3724270049	3600000049
2005081260	6559548049	3900000049	7927351049	4000000049	6025031049	3800000049

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
3005081290	3955728049	3600000049	3600000049	2924986049	3500000049	3500000049	3086425049	3500000049	
3005081320	2354972049	3500000049	3500000049	1019292049	3400000049	3400000049	2462420048	3900000049	
3005081350	4925600047	5000000049	5000000049	9894000046	6600000049	6600000049	1684000046	8600000049	
3005081380	5856000046	7200000049	7200000049						
4005081220	1423000046	7900000049	7900000049	8650000046	5900000049	5900000049	5602100047	4300000049	
4005081250	3104950048	3400000049	3400000049	9413660048	3400000049	3400000049	1911342049	3700000049	
4005081280	2038166049	3700000049	3700000049	1906492049	3700000049	3700000049	1290314049	3500000049	
4005081310	5893110048	3400000049	3400000049	6651130048	3400000049	3400000049	7742120048	3400000049	
4005081340	6127950048	3400000049	3400000049	4526820048	3400000049	3400000049	2571870048	3500000049	
4005081370	1013130048	3900000049	3900000049	3299100047	4700000049	4700000049	8762000046	5900000049	
4005081400	1423000046	7900000049	7900000049	9830000045	8300000049	8300000049			
5005081070	7361000046	2100000050	2100000050	5461000046	2100000050	2100000050			
5005081082		9999999999	9999999999		9999999999	9999999999			
5005081100	2824000046	2100000050	2100000050	2310000046	2100000050	2100000050	4441000046	9999999999	
5005081112	3904000046	2100000050	2100000050	2891000046	2100000050	2100000050	2339000046	2100000050	
5005081130	3569000046	2100000050	2100000050	4463000046	2100000050	2100000050	3114000046	2100000050	
5005081142	9075000046	2100000050	2100000050	1111600047	2100000050	2100000050	5983000046	2100000050	
5005081160	1435000047	2100000050	2100000050	1443200047	2100000050	2100000050	1075900047	2100000050	
5005081172	1153300047	2100000050	2100000050	1622000047	2100000050	2100000050	1227100047	2100000050	
5005081190	2221800047	2100000050	2100000050	3118800047	2100000050	2100000050	1837300047	2100000050	
5005081202		9999999999	9999999999	7287400047	2100000050	2100000050	4281100047	2100000050	
5005081220		9999999999	9999999999	1229720048	2100000050	2100000050		9999999999	
5005081232		9999999999	9999999999				1166540048	2100000050	
5005081250		9999999999	9999999999	1975100047	2100000050	2100000050	5493300047	2100000050	
5005081262	1006600047	2100000050	2100000050	6579000046	2100000050	2100000050	1475200047	2100000050	
5005081280	3755000046	2100000050	2100000050	3085000046	2100000050	2100000050	3949000046	2100000050	
6005081150	7080000045	2100000050	2100000050	2831000046	2100000050	2100000050	2638000046	2100000050	
6005081153	3271000046	2100000050	2100000050	5543000046	2100000050	2100000050	2384000046	2100000050	
6005081162	5804000046	2100000050	2100000050	5640000046	2100000050	2100000050	4955000046	2100000050	
6005081171	6698000046	2100000050	2100000050	6959000046	2100000050	2100000050	7510000046	2100000050	
6005081180	7644000046	2100000050	2100000050	8851000046	2100000050	2100000050	6877000046	2100000050	
6005081183	9917000046	2100000050	2100000050	1797100047	2100000050	2100000050	1028200047	2100000050	
6005081192		9999999999	9999999999	1024500047	2100000050	2100000050	1126500047	2100000050	
6005081201	9969000046	2100000050	2100000050	1143700047	2100000050	2100000050	1111600047	2100000050	
6005081210	1096700047	2100000050	2100000050	1208500047	2100000050	2100000050	1109400047	2100000050	
6005081213	1490100047	2100000050	2100000050	1156300047	2100000050	2100000050	1084800047	2100000050	
6005081222	1098200047	2100000050	2100000050	1216700047	2100000050	2100000050	1058000047	2100000050	
6005081231	1145200047	2100000050	2100000050	1497600047	2100000050	2100000050	1310600047	2100000050	
6005081240	1729300047	2100000050	2100000050	1414100047	2100000050	2100000050	1493100047	2100000050	

TABLE XIV-1 (Cont)

I.D.	DOSAGE			DOSAGE			DOSAGE		
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	S.E.
6005081243	1563900047	2100000050	1313500047	2100000050	1291900047	2100000050	2100000050	2100000050	2100000050
6005081252	1160800047	2100000050	1359000047	2100000050	1093700047	2100000050	2100000050	2100000050	2100000050
6005081261	1261400047	2100000050	2314900047	2100000050	1061000047	2100000050	2100000050	2100000050	2100000050
6005081270	1192800047	2100000050	9581000046	2100000050	9924000046	2100000050	2100000050	2100000050	2100000050
6005081273	8032000046	2100000050	8762000046	2100000050	9343000046	2100000050	2100000050	2100000050	2100000050
6005081282	8307000046	2100000050	8161000046	2100000050	7167000046	2100000050	2100000050	2100000050	2100000050
6005081291	7076000046	2100000050	9231000046	2100000050	6989000046	2100000050	2100000050	2100000050	2100000050
6005081300	5655000046	2100000050	6415000046	2100000050	6869000046	2100000050	2100000050	2100000050	2100000050
6005081303	5744000046	2100000050	5871000046	2100000050	4813000046	2100000050	2100000050	2100000050	2100000050
6005081312	4266000046	2100000050	4426000046	2100000050	4329000046	2100000050	2100000050	2100000050	2100000050
6005081321	6855000046	2100000050	8225000046	2100000050	3427000046	2100000050	2100000050	2100000050	2100000050
6005081330	3465000046	2100000050	1855000046	2100000050	2094000046	2100000050	2100000050	2100000050	2100000050
6005081333	7820000045	2100000050	6542000046	2100000050	1438000046	2100000050	2100000050	2100000050	2100000050
1006080900	4426000046	8000000049	5453500047	5400000049	5269130048	5700000049	5700000049	5700000049	5700000049
1006080960	1438558049	3400000049	4698917049	3500000049	9656914049	3800000049	3800000049	3800000049	3800000049
1006081020	1281208050	4100000049	1591673550	4200000049	1869642750	4300000049	4300000049	4300000049	4300000049
1006081080	154539150	4100000049	1304601950	4000000049	1272584550	4600000049	4600000049	4600000049	4600000049
1006081140	1046140550	3900000049	1481010050	4100000049	1743010450	4200000049	4200000049	4200000049	4200000049
1006081200	1582615750	4300000049	2609450450	4500000049	2830243950	4600000049	4600000049	4600000049	4600000049
1006081260	2525490550	4500000049	2240003650	4400000049	1426204350	4100000049	4100000049	4100000049	4100000049
1006081320	8290775049	3800000049	3897473049	3500000049	1135752049	3400000049	3400000049	3400000049	3400000049
1006081380	1593600048	4500000049	8267900047	5000000049	2604700047	6100000049	6100000049	6100000049	6100000049
1006081440	8687000046	7200000049	6773000046	7500000049	1207000047	6900000049	6900000049	6900000049	6900000049
1006081500	1025900047	7100000049	5685000046	7700000049	5431000046	7600000049	7600000049	7600000049	7600000049
1006081560	4932000046	7300000049	9187000046	7200000049	3405000046	6300000049	6300000049	6300000049	6300000049
1006081620	1306100047	6800000049							
2006080980	5443400047	5300000049	5576050048	3700000049	1456106049	3400000049	3400000049	3400000049	3400000049
2006081040	1748122049	3400000049	1407656049	3400000049	9367020048	3500000049	3500000049	3500000049	3500000049
2006081100	7739960048	3500000049	8230860048	3500000049	7305140048	3500000049	3500000049	3500000049	3500000049
2006081160	6409360048	3600000049	6943270048	3600000049	9216900048	3500000049	3500000049	3500000049	3500000049
2006081220	1745835049	3400000049	1938355049	3400000049	1470402049	3400000049	3400000049	3400000049	3400000049
2006081280	6047790048	3600000049	2233530048	4200000049	1540900047	6300000049	6300000049	6300000049	6300000049
2006080980	3121000047	5500000049	1365470048	4200000049	2340670048	3900000049	3900000049	3900000049	3900000049
2006081040	3225860048	3700000049	3276170048	3700000049	4219790048	3600000049	3600000049	3600000049	3600000049
2006081100	3239630048	3700000049	3225060048	3700000049	2177130048	3500000049	3500000049	3500000049	3500000049
2006081160	2213480048	3900000049	1807210048	4000000049	1291260048	4300000049	4300000049	4300000049	4300000049
2006081220	1127870048	4400000049	1094190048	4400000049	1297070048	4300000049	4300000049	4300000049	4300000049
2006081280	1723800048	4100000049	1155580048	4400000049	1509260048	4200000049	4200000049	4200000049	4200000049
3006081160	1769740048	4100000049	1794250048	4000000049	2264680048	3900000049	3900000049	3900000049	3900000049

TABLE XIV-1 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
3005081190	2488120048	3900000049	2210210048	3900000049	7856600047	4100000049
3006081220	5736200047	4900000049	2974300047	5500000049	2264200047	5800000049
3006081250	1718100047	6000000049	1465500047	6200000049	1192100047	6400000049
3006081280	9842000046	6600000049	4321000046	7500000049	7540000046	6900000049
3006081310	4590000046	7400000049				
4006080950	3196000046	7000000049	2764900047	4900000049	3965900047	4600000049
4006080980	7689700047	4100000049	8303700047	4000000049	1181510048	5000000049
4006081010	1441760048	3700000049	1238290048	3800000049	1255720048	5000000049
4006081040	1092850048	3900000049	1417320048	3700000049	9521100047	5900000049
4006081070	9781100047	3900000049	1043600048	3900000049	9755000047	5900000049
4006081100	7264300047	4100000049	5331600047	4300000049	4079200047	4500000049
4006081130	3879500047	4600000049	3356500047	4700000049	1754600047	5300000049
4006081160	1230800047	5600000049	1736700047	5300000049	3524000046	6900000049
4006081190	3979000046	6700000049	3479000046	6900000049		
5006081002	7450000045	2100000050	2086000046	2100000050	1259000046	2100000050
5006081020	3012000046	2100000050	2272000046	2100000050	2004000046	2100000050
5006081032	4262000046	2100000050	4999000046	2100000050	6013000046	2100000050
5006081050	7525000046	2100000050	9276000046	2100000050	1443200047	2100000050
5006081062	1874600047	2100000050	2080900047	2100000050	2761200047	2100000050
5006081080	3989800047	2100000050	5159500047	2100000050	5320200047	2100000050
5006081092	3749900047	2100000050	3477900047	2100000050	3355000047	2100000050
5006081110	2130100047	2100000050	1791100047	2100000050	1816500047	2100000050
5006081122	1014000047	2100000050	7562000046	2100000050	4441000046	2100000050
5006081140	3263000046	2100000050	1974000046	2100000050	1065000046	2100000050
5006081182	1088000046	2100000050			2548000046	2100000050
5006081191	1155600047	2100000050	3010000046	2100000050	8940000045	2100000050
5006081200	2000500047	2100000050	5633000046	2100000050	3622000046	2100000050
5006081203	2762000046	2100000050	2816000046	2100000050	3330000046	2100000050
5006081212	4396000046	2100000050	7056000046	2100000050	4970000046	2100000050
5006081221	4642000046	2100000050	6579000046	2100000050	3964000046	2100000050
5006081230	6758000046	2100000050			1039700047	2100000050
5006081233	6042000046	2100000050	7831000046	2100000050	5238000046	2100000050
5006081242	5811000046	2100000050	4835000046	2100000050	6087000046	2100000050
5006081251	5528000046	2100000050	5461000046	2100000050	4195000046	2100000050
5006081260	4411000046	2100000050	5573000046	2100000050	7294000046	2100000050
5006081263	5403000045	2100000050	5320000045	2100000050	3420000046	2100000050
5006081272	3500000046	2100000050	7600000046	2100000050		
5006081281	4284000046	2100000050	4418000046	2100000050	5931000046	2100000050
5006081290	3792000046	2100000050	5521000046	2100000050	5379000046	2100000050

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
6006081293			9999999999	35090000046	21000000050	21000000050	35840000046	21000000050	
6006081302	37920000046		21000000050	29500000046	21000000050	21000000050	15650000046	21000000050	
6006081311	19520000046		21000000050		9999999999	9999999999	42620000046	21000000050	
6006081320	20040000046		21000000050		9999999999	9999999999	10430000046	21000000050	
6006081323			9999999999	12140000046	21000000050	21000000050		9999999999	
6006081332			9999999999	12140000046	21000000050	21000000050	12220000046	21000000050	
6006081341			9999999999		9999999999	9999999999	14900000046	21000000050	
6006081350	10420000046		21000000050	89400000045	21000000050	21000000050		9999999999	
6006081353			9999999999	14530000046	21000000050	21000000050	68500000045	21000000050	
1007080900	2763146650		44000000049	2780763850	46000000049	46000000049	2899755550	46000000049	
1007080960	2797884550		46000000049	2476915750	45000000049	45000000049	1948942250	45000000049	
1007081020	1571183750		42000000049	1692356250	42000000049	42000000049	2426251850	45000000049	
1007081080	4575742850		50000000049	6992253750	54000000049	54000000049	6938125750	54000000049	
1007081140	7688495550		55000000049	9486856350	57000000049	57000000049	1107873551	58000000049	
1007081140	1261194151		59000000049	1399331851	60000000049	60000000049	1143064851	58000000049	
1007081260	1220481851		59000000049	1198949851	59000000049	59000000049	6194866450	53000000049	
1007081320	4077711050		49000000049	4068685350	49000000049	49000000049	1631780750	42000000049	
1007081380	2083831049		34000000049	15015900048	45000000049	45000000049	97680000046	71000000049	
1007081440	23770000046		87000000049						
2007080900	1090631049		34000000049	1419172049	34000000049	34000000049	2280712049	34000000049	
2007080960	2581082049		34000000049	2496868049	34000000049	34000000049	2177179049	34000000049	
2007081020	2369054049		34000000049	2366163049	34000000049	34000000049	2412364049	34000000049	
2007081080	1920559049		34000000049	2394840049	34000000049	34000000049	2297647049	34000000049	
2007081140	3105372049		34000000049	5373895049	36000000049	36000000049	1146093050	40000000049	
2007081200	2140192750		44000000049	2066399950	44000000049	44000000049	2004445350	43000000049	
2007081260	1336955350		41000000049	1064661950	39000000049	39000000049	5723626049	39000000049	
2007081320	1261170250		40000000049	1176276150	40000000049	40000000049	1374189650	41000000049	
2007081380	2963372049		34000000049	4755700047	55000000049	55000000049	18030000046	30000000049	
2007081440	52900000045		10500000050						
3007080900	52200000045		10000000050	37850000046	77000000049	77000000049	81210000046	68000000049	
3007080930	20608000047		59000000049	4046400047	52000000049	52000000049	4296700047	52000000049	
3007080960	5543200047		49000000049	5810700047	49000000049	49000000049	7437900047	47000000049	
3007080990	8682200047		46000000049	1138080048	44000000049	44000000049	1066400048	44000000049	
3007081020	1417770048		42000000049	1934100048	49000000049	49000000049	2217370048	39000000049	
3007081050	2466660048		39000000049	2662540048	38000000049	38000000049	2101060048	38000000049	
3007081080	3602280048		37000000049	4197210048	36000000049	36000000049	4170880048	36000000049	
3007081110	5631070048		35000000049	6491170048	35000000049	35000000049	6757580048	34000000049	
3007081140	6277860048		35000000049	5576540048	35000000049	35000000049	5814280048	35000000049	
3007081170	5776920048		35000000049	5017370048	35000000049	35000000049	4743010048	35000000049	

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
3007081200	6399150048	3500000049	3500000049	8130300048	1034841049	3400000049	1034841049	3400000049	3400000049
3007081230	1740700049	3400000049	3400000049	2038211049	2030782049	3400000049	2030782049	3400000049	3400000049
3007081260	2680898049	3500000049	3500000049	2849802049	3562941049	3500000049	3562941049	3500000049	3500000049
3007081290	5743988049	3800000049	3800000049	6349325049	6408205049	3900000049	6408205049	3900000049	3900000049
3007081320	6700106049	3900000049	3900000049	4350387049	3584161049	3700000049	3584161049	3600000049	3600000049
3007081350	3377184049	3600000049	3600000049	4243985049	5571134049	3700000049	5571134049	3800000049	3800000049
3007081380	2681702049	3500000049	3500000049	4620000045	7600000045	9200000049	7600000045	8600000049	8600000049
4007081050	2310000045	1000000050	1000000050	5737003046	7279000046	6400000049	7279000046	6100000049	6100000049
4007081080	1349000046	7900000049	7900000049	1464000047	1882000047	5400000049	1882000047	5200000049	5200000049
4007081110	1500500047	5400000049	5400000049	4431600047	7087700047	4500000049	7087700047	4100000049	4100000049
4007081140	3826600047	4600000049	4600000049	1204760048	1643150048	3800000049	1643150048	3700000049	3700000049
4007081170	1092260048	3900000049	3900000049	1459790048	2035800048	3700000049	2035800048	3600000049	3600000049
4007081200	1832400048	3600000049	3600000049	3316850048	6143380048	3400000049	6143380048	3400000049	3400000049
4007081230	2428810048	3500000049	3500000049	7406850048	7628570048	3400000049	7628570048	3400000049	3400000049
4007081260	7193540048	3400000049	3400000049	3919680048	2847120048	3400000049	2847120048	3500000049	3500000049
4007081290	5595460048	3400000049	3400000049	2877560048	2748820048	3500000049	2748820048	3500000049	3500000049
4007081320	3787650048	3400000049	3400000049	1831130048	1427010048	3600000049	1427010048	3700000049	3700000049
4007081350	2023650048	3600000049	3600000049	3632900047	6974000046	4600000049	6974000046	6200000049	6200000049
4007081380	2523810048	3500000049	3500000049	6850000045	1855000046	8700000049	1855000046	2100000050	2100000050
4007081410	1878000046	7600000049	7600000049	2041000046	3979000046	2100000050	3979000046	2100000050	2100000050
5007081262	1393000046	2100000050	2100000050	3293000046	1008800047	9999999999	1008800047	2100000050	2100000050
5007081280	2839000046	2100000050	2100000050	1405200047	1669700047	9999999999	1669700047	2100000050	2100000050
5007081292	2407000046	2100000050	2100000050	5640000046	1416000046	2100000050	1416000046	2100000050	2100000050
5007081310		9999999999	9999999999	2671000047		2100000050		2100000050	2100000050
5007081322		9999999999	9999999999	1885700047		2100000050		2100000050	2100000050
5007081340	1868600047	2100000050	2100000050	1013000046		9999999999		9999999999	9999999999
5007081352	2130100047	2100000050	2100000050	7300000045		2100000050		2100000050	2100000050
5007081370	1856700047	2100000050	2100000050			9999999999		9999999999	9999999999
5007081382		9999999999	9999999999			2100000050		2100000050	2100000050
5007081400	1162000046	2100000050	2100000050			9999999999		9999999999	9999999999
6007081242	8050000045	2100000050	2100000050			2100000050		2100000050	2100000050
6007081251	1326000046	2100000050	2100000050			9999999999		9999999999	9999999999
6007081260		9999999999	9999999999			2100000050		2100000050	2100000050
6007081263	9760000045	2100000050	2100000050			9999999999		9999999999	9999999999
6007081272		9999999999	9999999999			2100000050		2100000050	2100000050
6007081281		9999999999	9999999999			9999999999		9999999999	9999999999
6007081290		9999999999	9999999999			2100000050		2100000050	2100000050
6007081293		2100000050	2100000050			9999999999		9999999999	9999999999
6007081302		2100000050	2100000050			2100000050		2100000050	2100000050

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
5007081211	26150000046	21000000050	21000000050	38590000046	21000000050	21000000050	28760000046	21000000050	21000000050
5007081220		99999999999	99999999999		99999999999	99999999999	47390000046	21000000050	21000000050
5007081223		99999999999	99999999999		99999999999	99999999999	65640000046	21000000050	99999999999
5007081232	66460000046	21000000050	21000000050	35020000046	21000000050	99999999999		21000000050	21000000050
5007081241		99999999999	99999999999		99999999999	99999999999	78680000046	21000000050	21000000050
5007081250	87470000046	21000000050	21000000050		99999999999	99999999999	46860000046	21000000050	21000000050
5007081253		99999999999	99999999999		99999999999	99999999999	17290000046	21000000050	21000000050
5007081262	57590000046	21000000050	21000000050		99999999999	99999999999	34420000046	21000000050	21000000050
5007081271	26900000046	21000000050	21000000050	41500000046	21000000050	21000000050	33010000046	21000000050	21000000050
5007081280	36950000046	21000000050	21000000050		99999999999	99999999999	21680000046	21000000050	21000000050
1008081100	67830000047	44000000049	44000000049	19906500048	36000000049	36000000049	85711500048	30000000049	30000000049
1008081160	30870360049	29000000049	29000000049	84308830049	32000000049	32000000049	1429024200	32000000049	32000000049
1008081220	2511258450	38000000049	38000000049	4366889600	42000000049	42000000049	9157190200	48000000049	48000000049
1008081280	1122809151	42000000049	42000000049	8920887150	48000000049	48000000049	9367717150	48000000049	48000000049
1008081240	5089105750	43000000049	43000000049	2302268150	38000000049	38000000049	34952390049	25000000049	25000000049
1008081240	57946100048	31000000049	31000000049	56691000047	45000000049	45000000049			
2008081080	36888000047	57000000049	57000000049	14503430048	34000000049	34000000049	47631600048	37000000049	37000000049
2008081140	77910000048	35000000049	35000000049	15276530049	34000000049	34000000049	12741910049	34000000049	34000000049
2008081200	10486770049	34000000049	34000000049	12508930049	34000000049	34000000049	26283670049	34000000049	34000000049
2008081260	47175290049	35000000049	35000000049	82837050049	38000000049	38000000049	1194043500	40000000049	40000000049
2008081320	62503740049	36000000049	36000000049	23019160049	34000000049	34000000049	34101500048	39000000049	39000000049
2008081280	18552000047	64000000049	64000000049						
3008081080	80170000046	68000000049	68000000049	51170000047	50000000049	50000000049	12140000048	43000000049	43000000049
3008081110	23979700048	39000000049	39000000049	30455500048	37000000049	37000000049	32264700048	37000000049	37000000049
3008081140	38074700048	36000000049	36000000049	43509200048	36000000049	36000000049	59665700048	35000000049	35000000049
3008081170	61397300048	35000000049	35000000049	55191700048	35000000049	35000000049	55555300048	35000000049	35000000049
3008081200	66416000048	35000000049	35000000049	66959100048	35000000049	35000000049	67544000048	34000000049	34000000049
3008081230	46669800048	36000000049	36000000049	49205100048	35000000049	35000000049	61187900048	35000000049	35000000049
3008081260	93426600048	34000000049	34000000049	14289920049	34000000049	34000000049	25415120049	35000000049	35000000049
3008081290	36061730049	36000000049	36000000049	32609630049	36000000049	36000000049	29308720049	35000000049	35000000049
3008081320	10526630049	34000000049	34000000049	85427600048	34000000049	34000000049	17754700048	41000000049	41000000049
3008081250	41567000047	52000000049	52000000049						
4008081100	71600000046	61000000049	61000000049	28118000047	48000000049	48000000049	35726000047	46000000049	46000000049
4008081130	44912000047	45000000049	45000000049	37260000047	46000000049	46000000049	37462000047	46000000049	46000000049
4008081160	47162000047	44000000049	44000000049	69171000047	42000000049	42000000049	96701000047	39000000049	39000000049
4008081190	18337400048	36000000049	36000000049	32766200048	34000000049	34000000049	41664400048	34000000049	34000000049
4008081220	43430200048	34000000049	34000000049	31911600048	34000000049	34000000049	22684000048	35000000049	35000000049
4008081250	22462000048	35000000049	35000000049	34172000048	34000000049	34000000049	56716100048	34000000049	34000000049
4008081280	86166700048	34000000049	34000000049	72924800048	34000000049	34000000049	55410000048	34000000049	34000000049

TABLE XIV-1 (Cont)

I.D.	DOSAGE			DOSAGE			DOSAGE		
	GM SEC/CU.M	S.E.		GM SEC/CU.M	S.E.		GM SEC/CU.M	S.E.	S.E.
4008081310	1700740048	3600000049		3191800047	4700000049		2794000046	7100000049	
5008081150	2377000046	2100000050			9999999999		5122000046	2100000050	
5008081162	3203700047	2100000050		6135600047	2100000050			2100000050	
5008081180	5310800047	2100000050		5415800047	2100000050		6148200047	2100000050	
5008081192	6080400047	2100000050		5076800047	2100000050		4942000047	2100000050	
5008081210	3174700047	2100000050		2715700047	2100000050		2598000047	2100000050	
5008081222	2276900047	2100000050		2009400047	2100000050		1295700047	2100000050	
5008081240	6758000046	2100000050		5095000046	2100000050		4567000046	2100000050	
5008081252	3253000046	2100000050							
6008081251	3397000046	2100000050		2578000046	2100000050		2697000046	2100000050	
6008081260		9999999999		3137000046	2100000050		1557000046	2100000050	
6008081263	3807000046	2100000050		2265000046	2100000050		2548000046	2100000050	
6008081272	5178000046	9999999999		4821000046	2100000050		5141000046	2100000050	
6008081281	4366000046	2100000050		7696000046	2100000050		8754000046	2100000050	
6008081290	1577300047	2100000050		7309000046	2100000050		1561000047	2100000050	
6008081293	2603200047	2100000050			9999999999		2737000047	2100000050	
6008081302	1756100047	2100000050		1219700047	2100000050		1003000047	2100000050	
6008081311	8598000046	2100000050			9999999999		1190600047	2100000050	
6008081320	3236000046	2100000050		4955000046	9999999999		4582000046	2100000050	
6008081323	3800000046	2100000050		4426000046	2100000050		4597000046	2100000050	
6008081332	1863000046	2100000050					2548000046	2100000050	
6008081341	3217000047	5000000049		2801270048	3500000049			2500000049	
1009081120	9025738049	3200000049		2506764350	3600000049		2565332049	4000000049	
1009081180	4383890850	4300000049		5471119350	4400000049		3299167050	4000000049	
1009081240	3803874650	4100000049		4576183150	4200000049		4009622250	4200000049	
1009081300	3259348150	4000000049		2961562250	3900000049		3239233050	4000000049	
1009081360	2799584050	3900000049		2761113650	3900000049		3498219250	4000000049	
1009081420	8976653049	3200000049		5766382049	3100000049		2214989050	3700000049	
1009081480	1714300048	3700000049		1388800047	5700000049		8882280048	3000000049	
1009081540	7036300047	4300000049		1141697049	2900000049		1435000047	3700000049	
2009081180	9068809049	3300000049		6257109049	3100000049		5241245049	3100000049	
2009081240	2371401049	2900000049		4415348049	3000000049		2580509049	2900000049	
2009081300	3839999049	3000000049		4099563049	3000000049		5491010049	3100000049	
2009081360	3699750049	3000000049		4688270049	3000000049		3251560049	2900000049	
2009081420	2557710048	3500000049		8076000046	6200000049		2199570049	2500000049	
2009081480	4411000046	6700000049		3941000046	6800000049		2741800047	3100000049	
3009081540	1488600047	5300000049		4898800047	4300000049		1329200047	3700000049	
3009081190	1141205049	2900000049		1931153049	2900000049		2636310048	3300000049	
3009081220							2284341049	2900000049	

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
3000081250	2150975049	29000000049	29000000049	1560533049	29000000049	29000000049	1078211049	29000000049	29000000049
3000081280	6193970048	30000000049	30000000049	49199900048	30000000049	30000000049	5302060048	30000000049	30000000049
3000081310	5746560048	30000000049	30000000049	8367230048	29000000049	29000000049	1852714049	29000000049	29000000049
3000081340	1735516049	29000000049	29000000049	1527533049	29000000049	29000000049	2064116049	29000000049	29000000049
3000081370	1895837049	29000000049	29000000049	1152374049	29000000049	29000000049			
3000081400	8091000046	60000000049	60000000049	4471100047	45000000049	45000000049	2940600048	35000000049	35000000049
3000081430	6606800048	34000000049	34000000049	7195400048	34000000049	34000000049	6040260048	34000000049	34000000049
3000081460	3577250048	34000000049	34000000049	2121030048	36000000049	36000000049	1869430048	36000000049	36000000049
3000081490	1817120048	36000000049	36000000049	3247100048	34000000049	34000000049	3059620048	34000000049	34000000049
3000081520	4172030048	34000000049	34000000049	4479510048	34000000049	34000000049	4032730048	34000000049	34000000049
3000081550	3531430048	34000000049	34000000049	2635120048	35000000049	35000000049	1077100048	36000000049	36000000049
3000081580	1319500048	38000000049	38000000049	1762140048	36000000049	36000000049	2054200048	36000000049	36000000049
3000081610	1317640048	38000000049	38000000049	4304900047	45000000049	45000000049	6996000046	62000000049	62000000049
3000081640	6710000045	21000000050	21000000050	1676000046	21000000050	21000000050	1289000046	21000000050	21000000050
3000081670	1431000045	21000000050	21000000050	1773000046	21000000050	21000000050	2317000046	21000000050	21000000050
3000081700	2071000046	21000000050	21000000050	2548000046	21000000050	21000000050	3725000046	21000000050	21000000050
3000081730	3405000046	21000000050	21000000050	4917000046	21000000050	21000000050	5335000046	21000000050	21000000050
3000081760	3076000046	21000000050	21000000050	8151900046	21000000050	21000000050	1062300047	21000000050	21000000050
3000081790	1137700047	21000000050	21000000050	1597400047	21000000050	21000000050			
3000081820	2327600047	21000000050	21000000050	1964700047	21000000050	21000000050	1871600047	21000000050	21000000050
3000081850	1743400047	21000000050	21000000050	1464800047	21000000050	21000000050	1139200047	21000000050	21000000050
3000081880	1049800047	21000000050	21000000050	9105000046	21000000050	21000000050	5387000048	21000000050	21000000050
3000081910	6326000046	21000000050	21000000050	5500000046	21000000050	21000000050	4768000046	21000000050	21000000050
3000081940	4880000046	21000000050	21000000050	5879000046	21000000050	21000000050	6706000046	21000000050	21000000050
3000081970	5759000046	21000000050	21000000050	5625000046	21000000050	21000000050	5223000046	21000000050	21000000050
3000082000	5759000046	21000000050	21000000050	5849000046	21000000050	21000000050	5521000046	21000000050	21000000050
3000082030	4299000046	21000000050	21000000050	5513000046	21000000050	21000000050	5133000046	21000000050	21000000050
3000082060	3421000046	21000000050	21000000050	3971000046	21000000050	21000000050			
3000082090	3532000046	21000000050	21000000050	2928000046	21000000050	21000000050	4202000046	21000000050	21000000050
3000082120	2958000046	21000000050	21000000050	3658000046	21000000050	21000000050	3293000046	21000000050	21000000050
3000082150	3405000046	21000000050	21000000050	3494000046	21000000050	21000000050	2511000046	21000000050	21000000050
3000082180	2012000046	21000000050	21000000050	2444000046	21000000050	21000000050	3748000046	21000000050	21000000050
3000082210	3293000046	21000000050	21000000050	1661000046	21000000050	21000000050	1661000046	21000000050	21000000050
3000082240	1825000046	21000000050	21000000050	1170000046	21000000050	21000000050			
3000082270	1416000045	21000000050	21000000050	1840000046	21000000050	21000000050	1594000046	21000000050	21000000050
3000082300	2225000046	21000000050	21000000050	2272000046	21000000050	21000000050	1356000046	21000000050	21000000050
3000082330	1863000046	21000000050	21000000050	1281000046	21000000050	21000000050	2787000045	21000000050	21000000050
3000082360	4306000045	21000000050	21000000050	3636000046	21000000050	21000000050	3420000046	21000000050	21000000050

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
6009081193	3971000046	2100000050	2100000050	4381000046	2100000050	2100000050	6519000046	2100000050	
6009081202	6303000046	2100000050	2100000050	5826000046	2100000050	2100000050	5193000046	2100000050	
6009081211	8479000046	2100000050	2100000050	6519000046	2100000050	2100000050		9999999999	
6009081220	7860000046	2100000050	2100000050	8360000046	2100000050	2100000050	7629000046	2100000050	
6009081223	6735000046	2100000050	2100000050	9336000046	2100000050	2100000050	5618000046	2100000050	
6009081232	7756000046	2100000050	2100000050	8702000046	2100000050	2100000050		9999999999	
6009081241	5141000046	2100000050	2100000050	5499000046	2100000050	2100000050	5931000046	2100000050	
6009081250	6832000046	2100000050	2100000050	6326000046	2100000050	2100000050	6780000046	2100000050	
6009081253	6236000046	2100000050	2100000050	6862000046	2100000050	2100000050	5260000046	2100000050	
6009081262	5403000046	2100000050	2100000050	5685000046	2100000050	2100000050	6109000046	2100000050	
6009081271	5253000046	2100000050	2100000050	5081000046	2100000050	2100000050	5089000046	2100000050	
6009081280	5007000046	2100000050	2100000050	6020000046	2100000050	2100000050	4917000046	2100000050	
6009081283	4955000046	2100000050	2100000050	4821000046	2100000050	2100000050	4418000046	2100000050	
6009081292	4530000046	2100000050	2100000050	4232000046	2100000050	2100000050	3487000046	2100000050	
6009081301	3174000046	2100000050	2100000050	3546000046	2100000050	2100000050	4910000046	2100000050	
6009081310	9060000046	2100000050	2100000050	5811000046	2100000050	2100000050	8490000046	2100000050	
6009081313	6966000046	2100000050	2100000050						
1010080900	1721800047	5500000049	630000000049	7257000046	630000000049	630000000049	2481800047	5200000049	
1010080960	1282200047	5800000049	5800000049	7413000046	630000000049	630000000049	2303700047	5300000049	
1010081020	5521000046	660000000049	660000000049	2066000047	540000000049	540000000049	1812000047	5500000049	
1010081080	2614400047	5200000049	5200000049	5442600047	460000000049	460000000049	1072140048	4100000049	
1010081140	2333750048	3600000049	3600000049	9229850048	300000000049	300000000049	2539120049	2900000049	
1010081200	6572291049	3100000049	3100000049	1035986850	330000000049	330000000049	1980840050	3700000049	
1010081260	3383417450	4000000049	4000000049	3014857350	390000000049	390000000049	3324250150	4000000049	
1010081320	4625434450	4200000049	4200000049	3434926350	400000000049	400000000049	2680381450	3900000049	
1010081380	1151040950	3400000049	3400000049	5515330049	310000000049	310000000049	2350129049	2900000049	
1010081440	5904210048	3100000049	3100000049	1247150048	400000000049	400000000049	2555500047	2200000049	
1010081500	1419300047	5700000049	5700000049						
2010081180	2207600047	6200000049	6200000049	1676980048	440000000049	440000000049	6776020048	3600000049	
2010081240	1364961049	3400000049	3400000049	1922213049	340000000049	340000000049	2269350049	3400000049	
2010081300	2837397049	3400000049	3400000049	3494829049	350000000049	350000000049	2362244049	3400000049	
2010081360	1106225049	3400000049	3400000049	3870500048	380000000049	380000000049	5183400047	3400000049	
2010081420	1271100047	6800000049	6800000049						
3010081190	5856000046	7200000049	7200000049	2381200047	570000000049	570000000049	3795300047	3300000049	
3010081220	1607760048	4100000049	4100000049	2449530048	390000000049	390000000049	4246810046	3000000049	
3010081250	5470140048	3500000049	3500000049	4467820048	360000000049	360000000049	3412700048	3200000049	
3010081280	8289590048	3400000049	3400000049	5236340048	340000000049	340000000049	1615100049	3400000049	
3010081310	1085579049	3400000049	3400000049	9636360046	340000000049	340000000049	1903130048	3400000049	
3010081340	4809570048	350000000049	350000000049	2845150048	380000000049	380000000049	9960100047	4200000049	

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M			GM SEC/CU.M			GM SEC/CU.M		
3010081270	2868500047	5500000049	5500000049	9999000046	6600000049	6600000049	6254000047	4200000049	4200000049
4010081200	3859000046	6800000049	6800000049	2589800047	4900000049	4900000049	1678370048	3600000049	3600000049
4010081230	1263470048	3600000049	3600000049	1730240048	3600000049	3600000049	1750660048	3600000049	3600000049
4010081260	1701410048	3600000049	3600000049	19117260048	3600000049	3600000049	1494440048	3700000049	3700000049
4010081290	2542810048	3500000049	3500000049	2599730048	3500000049	3500000049	8464000046	6000000049	6000000049
4010081220	1029370048	3500000049	3500000049	3665500047	4600000049	4600000049	1026540048	9999999999	9999999999
5010081220	2146000046	2100000050	2100000050		9999999999	9999999999		2100000050	2100000050
5010081232	4131300047	2100000050	2100000050	7166700047	2100000050	2100000050	6996000046	2100000050	2100000050
5010081250		9999999999	9999999999		9999999999	9999999999			
5010081262	2583900047	2100000050	2100000050	2253000046	2100000050	2100000050	2086000046	2100000050	2100000050
5010081280	3450000046	2100000050	2100000050	1267000046	2100000050	2100000050	5320000046	2100000050	2100000050
6010081230	1349000046	2100000050	2100000050	3286000046	2100000050	2100000050	1206200047	2100000050	2100000050
6010081233	1691000046	2100000050	2100000050	7167000046	2100000050	2100000050	1615300047	2100000050	2100000050
6010081242	8031000046	2100000050	2100000050	1479700047	2100000050	2100000050		9999999999	9999999999
6010081251	1433500047	2100000050	2100000050	2016100047	2100000050	2100000050		2100000050	2100000050
6010081260		9999999999	9999999999	1069200047	2100000050	2100000050	1096000047	2100000050	2100000050
6010081263	8680000046	2100000050	2100000050	9470000046	2100000050	2100000050	1297900047	2100000050	2100000050
6010081272	1081800047	2100000050	2100000050	1107200047	2100000050	2100000050	7704000046	2100000050	2100000050
6010081281	9820000046	2100000050	2100000050	8479000046	2100000050	2100000050	9723000046	2100000050	2100000050
6010081290	6577000046	2100000050	2100000050	6698000046	2100000050	2100000050	5685000046	2100000050	2100000050
6010081293	8270000045	2100000050	2100000050	5402000046	2100000050	2100000050	3546000046	2100000050	2100000050
6010081202	5303000046	2100000050	2100000050	3919000046	2100000050	2100000050	2772000046	2100000050	2100000050
6010081211	3300000045	2100000050	2100000050	3830000046	2100000050	2100000050	2697000046	2100000050	2100000050
6010081220	3122000046	2100000050	2100000050	1736000046	2100000050	2100000050	2183900046	2100000050	2100000050
6010081223	1403000046	2100000050	2100000050	8720000045	2100000050	2100000050			
6010081232	2050000046	2100000050	2100000050	4075000046	6800000049	6800000049	5521000046	6600000049	6600000049
6010081240	0124000047	4200000049	4200000049	4560000046	6700000049	6700000049	2101000046	7500000049	7500000049
6010081240	3672000047	4900000049	4900000049	2437100047	3200000049	3200000049	5143900047	4600000049	4600000049
6010081280	4560000046	6700000049	6700000049	1821370048	3700000049	3700000049	1477600048	3800000049	3800000049
6010081280	7846200047	4300000049	4300000049	3564500048	3300000049	3300000049	6060500048	3100000049	3100000049
6010081280	2569330048	3500000049	3500000049	1554437049	2900000049	2900000049	1197048049	2500000049	2500000049
6010081280	7163440048	3000000049	3000000049	1475170049	2900000049	2900000049	3147148049	2500000049	2500000049
6010081280	9542500048	3000000049	3000000049	6842755049	3100000049	3100000049	1019462250	3300000049	3300000049
6010081280	4644559049	3000000049	3000000049	2560351050	3800000049	3800000049	3134701450	4000000049	4000000049
6010081280	1660523650	3600000049	3600000049	3757567050	4100000049	4100000049	5076605850	4300000049	4300000049
6010081280	3781138450	4100000049	4100000049	5136979450	4300000049	4300000049	5037000046	6600000049	6600000049
6010081280	4057169750	4200000049	4200000049	1126380751	4900000049	4900000049	1443418151	5200000049	5200000049
6010081240	6304965950	4500000049	4500000049	1143880951	5000000049	5000000049	1537761451	5100000049	5100000049
6010081400	1848444251	5400000049	5400000049						

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M			GM SEC/CU.M			GM SEC/CU.M		
1011081450	1390035951		5100000049	1306838051		5100000049	1224851451		5000000049
1011081520	1339794651		5100000049	8354796550		4700000049	7842817550		4700000049
1011081580	3230688050		4000000049						
2011080700	1550000046		9200000049	1043000046		9600000049	1296000046		9400000049
2011080760	3539000046		8200000049	2302000046		8700000049	4277000046		8000000049
2011080820	7518000046		7400000049	1366400047		6700000049	3696200047		5700000049
2011080880	5793600047		5300000049	8638200047		4900000049	8773800047		4900000049
2011080940	9120300047		4900000049	5549900047		5300000049	8443000047		4900000049
2011081000	8623300047		4900000049	8691100047		4900000049	1271070048		4600000049
2011081060	1445860048		4500000049	1552630048		4400000049	2418230048		4100000049
2011081120	3089980048		4000000049	3638340048		3900000049	5170030048		3700000049
2011081180	5498830048		3700000049	7718730048		3500000049	5384980048		3700000049
2011081240	6670060048		3600000049	6614550048		3600000049	6477780048		3600000049
2011081300	7000860048		3600000049	6485620048		3500000049	2228446049		3400000049
2011081360	7719778049		3700000049	1002381050		3900000049	9384841049		3900000049
2011081420	6267652049		3700000049	1268412250		4000000049	1813655350		4300000049
2011081480	1768837150		4300000049	2087590850		4400000049	1814260550		4300000049
2011081540	1495851650		4100000049	1474329150		4100000049	1269239550		4100000049
2011081600	6013393049		3600000049						
3011081630	1684000046		8600000049	1349000046		8800000049	2168000046		8300000049
3011081660	3144000046		7900000049	2332000046		8200000049	1021000046		9200000049
3011081690	1185000046		9000000049	2496000046		8100000049	5327000046		7300000049
3011081720	6810000046		7000000049	7592000046		6900000049	9373000046		6700000049
3011081750	6862000046		7000000049	8173000046		6800000049	8330000046		6800000049
3011081780	1124300047		6500000049	1129500047		6500000049	1584000047		6100000049
3011081810	1357500047		6300000049	1202500047		6400000049	2198700047		5800000049
3011081840	2075700047		5900000049	2969800047		5500000049	4015900047		5200000049
3011081870	7782900047		4700000049	1535340048		4200000049	1446830048		4200000049
3011081900	2813790048		3800000049	2655390048		3800000049	4560650048		3600000049
3011081930	8488620048		3400000049	1211122049		3400000049	2076834049		3400000049
3011081960	2172868049		3500000049	1798473049		3400000049	8087380048		3400000049
4011081990	2123000046		7400000049	2032000046		7000000049	3122000046		7000000049
4011081120	6303000046		6300000049	7763000046		6000000049	7629000046		6100000049
4011081150	9455000046		5900000049	2674800047		4900000049	4245300047		4200000049
4011081180	2950400047		4800000049	2197900047		5100000049	2659300047		4900000049
4011081210	2216500047		5100000049	5153600047		4400000049	5345000047		4300000049
4011081240	6786000047		4200000049	8740300047		4000000049	1068930048		3900000049
4011081270	1237620048		3800000049	1773690048		3600000049	1797300048		3600000049
4011081300	2243670048		3500000049	4227610048		3400000049	6043310048		3400000049

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
601081210	3755000046	2100000050	2100000050	6460000046	2100000050	2100000050	5551000046	2100000050	2100000050
601081212	4500000046	2100000050	2100000050	4984000046	2100000050	2100000050	5580000046	2100000050	2100000050
601081222	4575000046	2100000050	2100000050	2652000046	2100000050	2100000050	4962000046	2100000050	2100000050
601081231	5290000046	2100000050	2100000050	5305000046	2100000050	2100000050	5901000046	2100000050	2100000050
601081240	7309000046	2100000050	2100000050	7220000046	2100000050	2100000050	5290000046	2100000050	2100000050
601081243		9999999999	9999999999	6974000046	2100000050	2100000050	6109000046	2100000050	2100000050
601081252		9999999999	9999999999		9999999999	9999999999	9663000046	2100000050	2100000050
601081261	6825000046	2100000050	2100000050	7898000046	2100000050	2100000050	9611000046	2100000050	2100000050
601081270	9924000046	2100000050	2100000050	1035600047	2100000050	2100000050		9999999999	9999999999
601081273	1376100047	2100000050	2100000050		9999999999	9999999999		9999999999	9999999999
601081282	1411100047	2100000050	2100000050	1525100047	2100000050	2100000050	6013000046	2100000050	2100000050
601081291	1524400047	2100000050	2100000050	1382100047	2100000050	2100000050	1891700047	2100000050	2100000050
601081300	1524400047	2100000050	2100000050	1855900047	2100000050	2100000050	2276200047	2100000050	2100000050
601081310	1703500047	2100000050	2100000050	2007900047	2100000050	2100000050	1842500047	2100000050	2100000050
601081360	2403600047	2100000050	2100000050		9999999999	9999999999	2427400047	2100000050	2100000050
601081412		9999999999	9999999999	2457200047	2100000050	2100000050	1972900047	2100000050	2100000050
601081421	2772400047	2100000050	2100000050		9999999999	9999999999	1443200047	2100000050	2100000050
601081430		9999999999	9999999999		9999999999	9999999999			
601081433	2712800047	2100000050	2100000050						
1012081120	1157800047	6900000049	6900000049	8142140048	3500000049	3500000049	2920315049	3400000049	3400000049
1012081180	8141663049	3800000049	3800000049	1247725620	4000000049	4000000049	6191749049	3600000049	3600000049
1012081240	1292397150	4000000049	4000000049	1064773650	3900000049	3900000049	1090292650	3900000049	3900000049
1012081300	1505632050	4100000049	4100000049	7522302950	5400000049	5400000049	3831692050	4800000049	4800000049
1012081360	7089279650	5400000049	5400000049	9584394150	5700000049	5700000049	1098854451	5800000049	5800000049
1012081420	1169181351	5900000049	5900000049	8687659050	5600000049	5600000049	8538892150	5600000049	5600000049
1012081480	6394062950	5300000049	5300000049	4451532750	5000000049	5000000049	33988636050	4700000049	4700000049
1012081540	2307146850	4400000049	4400000049	1891244950	4300000049	4300000049			
2012081100	1705400047	6500000049	6500000049	3318790048	3900000049	3900000049	1269571049	3400000049	3400000049
2012081160	1206994049	3400000049	3400000049	1389250049	3400000049	3400000049	1341283049	3400000049	3400000049
2012081220	1335628049	3400000049	3400000049	1391128049	3400000049	3400000049	1506969049	3400000049	3400000049
2012081280	1417078049	3400000049	3400000049	1702137049	3400000049	3400000049	1382127049	3400000049	3400000049
2012081340	1378991049	3400000049	3400000049	1743965049	3400000049	3400000049	4180774049	3500000049	3500000049
2012081400	8949250049	3800000049	3800000049	1133880850	4000000049	4000000049	8801803049	3800000049	3800000049
2012081460	4964754049	3600000049	3600000049	4096691049	3500000049	3500000049	3990732049	3500000049	3500000049
2012081520	2064951049	3400000049	3400000049	2101440048	4200000049	4200000049	6229000046	7600000049	7600000049
3012081090	1160800047	6400000049	6400000049	1119100047	6500000049	6500000049	2004200047	5900000049	5900000049
3012081120	3019700047	5500000049	5500000049	3337900047	5400000049	5400000049	3110600047	5500000049	5500000049
3012081150	3670200047	5300000049	5300000049	3745400047	5300000049	5300000049	6924600047	4800000049	4800000049
3012081180	4901000047	5100000049	5100000049	6489500047	4800000049	4800000049	6425400047	4800000049	4800000049
3012081210	1044420046	4400000049	4400000049	1484600048	4200000049	4200000049	1817350048	4000000049	4000000049

TABLE XIV-1 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
3012081240	1857730048	4000000049	3466960048	3700000049	3926230048	3600000049
3012081270	5128230048	3500000049	6159250048	3500000049	5173090048	3500000049
3012081300	6439610048	3500000049	6617900048	3500000049	5373520048	3500000049
3012081330	6732120048	3500000049	4317090048	3600000049	8867680048	3400000049
3012081360	1021221049	3400000049	1695529049	3400000049	2235562049	3400000049
4012081260	5014000046	6500000049	1099700047	5700000049	1607100047	5300000049
4012081290	2387200047	5000000049	6549800047	4200000049	8329700047	4000000049
4012081320	1456510048	3700000049	1864360048	3600000049	2368020048	3500000049
4012081350	3086700048	3400000049	5571320048	3400000049	5901750048	3400000049
4012081380	7999170048	3400000049	8161660048	3400000049	8123590048	3400000049
4012081410	6653000048	3400000049	7245760048	3400000049	7339860048	3400000049
4012081440	5737840048	3400000049	3750100048	3400000049	2040270048	3600000049
4012081470	1284700048	3800000049	3779700047	4609000049	4426000046	6600000049
5012081352	1803000046	2100000050	1408000046	2100000050	9999999999	9999999999
5012081370	2332000046	2100000050	3360000046	2100000050	4277000046	2100000050
5012081382	5819000046	2100000050	7026000046	2100000050	9082000046	2100000050
5012081400	1647000046	2100000050	2235000046	2100000050	4277000046	2100000050
5012081412	3509000046	2100000050	5409000046	2100000050	4999000046	2100000050
5012081430	6169000046	2100000050	4329000046	2100000050	5394000046	2100000050
5012081442	6014000046	2100000050	8866000046	2100000050	6735000046	2100000050
5012081460	8106000046	2100000050	1152600047	2100000050	1024500047	2100000050
5012081472	1408200047	2100000050	1293400047	2100000050	1537100047	2100000050
5012081490	1365700047	2100000050	1281500047	2100000050	1483400047	2100000050
5012081502	1475200047	2100000050	1730000047	2100000050	1476000047	2100000050
5012081520		9999999999		9999999999	4791000046	2100000050
5012081532	1625000047	2100000050	1610800047	2100000050	1784400047	2100000050
5012081550	1082600047	2100000050	1652500047	2100000050	6624000046	2100000050
5012081562	8360000046	2100000050	7480000046	2100000050	7458000046	2100000050
5012081580	5744000046	2100000050	5327000046	2100000050	5193000046	2100000050
5012081592	2868000046	2100000050	3904000046	2100000050	3286000046	2100000050
5012081610	2028000046	2100000050	1512000046	2100000050	1602000046	2100000050
5012081622	2518000046	2100000050	1229000046	2100000050	1840000046	2100000050
1012080680	9000300048	3500000049	1464307049	3400000049	4256270049	3500000049
1012080740	6725363049	3700000049	1022875350	3900000049	1823669750	4300000049
1012080800	2532996450	4500000049	3837073650	4800000049	5217406450	5100000049
1012080860	5567593950	5200000049	4131121950	4900000049	4259509250	4900000049
1012080920	3705600350	4600000049	4317349950	4900000049	4408597250	5000000049
1012080980	425296050	4900000049	3682949450	4800000049	2030142250	4600000049
1012081040	1880817950	4300000049	1101633250	3900000049	8520695049	3800000049

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
1013081100	2807334049	3400000049	3400000049	1105689049	1940770048	3400000049	1940770048	4300000049	4300000049
1013081160	3709600047	5700000049	5700000049	1017700047	1444700047	7100000049	1444700047	6700000049	6700000049
1013081220	1133200047	7000000049	7000000049	9932000046	5096000046	7100000049	5096000046	7000000049	7000000049
1013081280	1347100047	6800000049	6800000049	6437000046	6691000046	7500000049	6691000046	7500000049	7500000049
1013081340	6690000046	7500000049	7500000049	7771000046	6609000046	7400000049	6609000046	7400000049	7400000049
1013081400	6773000046	7500000049	7500000049	1215200047	4463750040	6900000049	4463750040	3000000049	3000000049
2013080760	2792000047	5000000049	5000000049	1427230048	2414219049	4500000049	2414219049	3400000049	3400000049
2013080820	1059435049	3400000049	3400000049	2247453049	3052770049	3400000049	3052770049	3400000049	3400000049
2013080880	3019124049	3400000049	3400000049	4125111049	1650013049	3500000049	1650013049	3400000049	3400000049
2013080940	3831603049	3500000049	3500000049	3355546049	7003020048	3400000049	7003020048	3600000049	3600000049
2013081000	1994386049	3400000049	3400000049	1254034049	7469200047	4000000049	7469200047	5000000049	5000000049
2013081060	2876000048	4000000049	4000000049	2786370048					
2013081120	1096000047	6300000049	6300000049						
3013080900	8599460048	3400000049	3400000049	7568020048	8503550048	3400000049	8503550048	3400000049	3400000049
3013080930	9222550048	3400000049	3400000049	8293690048	5765330048	3400000049	5765330048	3500000049	3500000049
3013080960	6679220048	3500000049	3500000049	5282460048	6092270048	3500000049	6092270048	3500000049	3500000049
3013080990	4892420048	3500000049	3500000049	3552730048	2932030048	3700000049	2932030048	3800000049	3800000049
3013081020	2775270048	3800000049	3800000049	2653970048	2662000048	3800000049	2662000048	3800000049	3800000049
3013081050	2595410048	3600000049	3600000049	1018050048	6014100047	4400000049	6014100047	4900000049	4900000049
3013081080	3750600047	5300000049	5300000049	2391600047	6810000046	5700000049	6810000046	7000000049	7000000049
4013080850	6743000046	6200000049	6200000049	2526500047	4033000047	4900000049	4033000047	4600000049	4600000049
4013080880	9235000047	4000000049	4000000049	1064950048	1958880048	3600000049	1958880048	3600000049	3600000049
4013080910	2770940048	3500000049	3500000049	3432330048	2227130048	3400000049	2227130048	3400000049	3400000049
4013080940	3262160048	3400000049	3400000049	3276020048	3753230048	3400000049	3753230048	3500000049	3500000049
4013080970	2457950048	3500000049	3500000049	2180780048	1915400048	3500000049	1915400048	3600000049	3600000049
4013081000	1538100048	3700000049	3700000049	8375200047	6431300047	4000000049	6431300047	4200000049	4200000049
4013081030	5852400047	4300000049	4300000049	3252200047	1967700047	4700000049	1967700047	5200000049	5200000049
4013081060	1148100047	5700000049	5700000049	4545000046	4217000046	6600000049	4217000046	6700000049	6700000049
5013081002	6030000045	2100000050	2100000050	2541000046	2176000046	2100000050	2176000046	2100000050	2100000050
5013081020	4634000046	2100000050	2100000050	7115000046	9693000046	2100000050	9693000046	2100000050	2100000050
5013081032	1701700047	2100000050	2100000050	3417600047	3618700047	2100000050	3618700047	2100000050	2100000050
5013081050	4786300047	2100000050	2100000050	4937500047	5026500047	2100000050	5026500047	2100000050	2100000050
5013081062	5371900047	2100000050	2100000050	5132000047	3678400047	2100000050	3678400047	2100000050	2100000050
5013081080	2794700047	2100000050	2100000050	1898400047	1802300047	2100000050	1802300047	2100000050	2100000050
5013081092	1154800047	2100000050	2100000050	1167500047	8345000046	2100000050	8345000046	2100000050	2100000050
5013081110	8017000046	2100000050	2100000050	8866000046	7592000046	2100000050	7592000046	2100000050	2100000050
5013081122	6557000046	2100000050	2100000050	6005000046		2100000050		2100000050	2100000050
5013081140	4932000046	2100000050	2100000050	4292000046		2100000050		2100000050	2100000050
5013081152	3777000046	2100000050	2100000050	3047000046		2100000050		2100000050	2100000050

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
5013081170	3137000046	2100000050	2100000050	2995000046	2100000050	2100000050	3234000046	2100000050	2100000050
5013081182	2488000046	2100000050	2100000050	2272000046	2100000050	2100000050	1132000046	2100000050	2100000050
5013081200		9999999999	9999999999	9690000045	2100000050	2100000050			
6013081063	8337000046	2100000050	2100000050	7838000046	2100000050	2100000050	7667000046	2100000050	2100000050
6013081072	8799000046	2100000050	2100000050	1576500047	2100000050	2100000050	8985000046	2100000050	2100000050
6013081081	1223400047	2100000050	2100000050	1213000047	2100000050	2100000050	1384300047	2100000050	2100000050
6013081090	1247200047	2100000050	2100000050	7853000046	2100000050	2100000050	1800100047	2100000050	2100000050
6013081093	1414100047	2100000050	2100000050	1428300047	2100000050	2100000050	1473000047	2100000050	2100000050
6013081102	1764300047	2100000050	2100000050	1936400047	2100000050	2100000050	2455700047	2100000050	2100000050
6013081111	2218800047	2100000050	2100000050	1686100047	2100000050	2100000050	2444500047	2100000050	2100000050
6013081120	2609200047	2100000050	2100000050	2272400047	2100000050	2100000050	2332000047	2100000050	2100000050
6013081123	2106300047	2100000050	2100000050	2171800047	2100000050	2100000050	1753100047	2100000050	2100000050
6013081132	1974400047	2100000050	2100000050	1712100047	2100000050	2100000050	1610100047	2100000050	2100000050
6013081141	1305300047	2100000050	2100000050	9626000046	2100000050	2100000050	1007300047	2100000050	2100000050
6013081150	9544000046	2100000050	2100000050	8784000046	2100000050	2100000050	7793000046	2100000050	2100000050
6013081153	6273000046	2100000050	2100000050	8106000046	2100000050	2100000050	7480000046	2100000050	2100000050
6013081162	7287000046	2100000050	2100000050	5335000046	2100000050	2100000050	6065000046	2100000050	2100000050
6013081171	4373000046	2100000050	2100000050	3360000046	2100000050	2100000050	2466000046	2100000050	2100000050
6013081180	8120000045	2100000050	2100000050	3532000046	2100000050	2100000050	1416000046	2100000050	2100000050
6013081183	1520000046	2100000050	2100000050	1885000046	2100000050	2100000050	1214000046	2100000050	2100000050
6013081192	1654000046	2100000050	2100000050						
1014080680	2914186650	4600000049	4600000049	3592455450	4800000049	4800000049	3656500050	4800000049	4800000049
1014080740	3067604550	4700000049	4700000049	2387002150	4500000049	4500000049	3070909950	4700000049	4700000049
1014080800	3007143750	4600000049	4600000049	3503426250	4800000049	4800000049	4511020050	5000000049	5000000049
1014080860	5243731350	5100000049	5100000049	6001669950	5200000049	5200000049	6038900050	5300000049	5300000049
1014080920	6939647350	5400000049	5400000049	6270764050	5300000049	5300000049	5463962050	5100000049	5100000049
1014080980	6119801850	5200000049	5200000049	1251708051	5900000049	5900000049	2050195751	6400000049	6400000049
1014081040	2242004751	6500000049	6500000049	1537129751	6100000049	6100000049	1500064951	6100000049	6100000049
1014081100	1065202151	5800000049	5800000049	5918781550	5200000049	5200000049	1665911150	4200000049	4200000049
1014081160	10892298049	3400000049	3400000049	1925900048	4300000049	4300000049	1157800047	6900000049	6900000049
1014081220	3323000046	8300000049	8300000049	4508000046	8000000049	8000000049	8523000046	7300000049	7300000049
1014081280	5178000046	7800000049	7800000049	1863000046	9000000049	9000000049	8106000046	7300000049	7300000049
1014081340	7042000046	7300000049	7300000049	5178000046	7800000049	7800000049	2123000046	8800000049	8800000049
1014081400	1863000046	9000000049	9000000049	4932000046	7900000049	7900000049	2123000046	8800000049	8800000049
1014081460	5431000046	7800000049	7800000049	5938000046	7700000049	7700000049	1602000046	9200000049	9200000049
1014081520	3152000046	8400000049	8400000049	1000000046	9600000049	9600000049	2891000046	8500000049	8500000049
1014081580	2123000046	8800000049	8800000049						
2014080740	2066895049	3400000049	3400000049	2225965049	3400000049	3400000049	1837514049	3400000049	3400000049
2014080800	2042457049	3400000049	3400000049	1801357049	3400000049	3400000049	1653020049	3400000049	3400000049

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
2014080860	2019048049	3400000049	3400000049	2689280049	3400000049	3400000049	2815634049	3400000049	3400000049
2014080920	3052525049	3400000049	3400000049	3392935049	3400000049	3400000049	3753804049	3500000049	3500000049
2014080980	4989214049	3600000049	3600000049	7278994049	3700000049	3700000049	1182175250	4000000049	4000000049
2014081040	1294376050	4000000049	4000000049	1219024550	4000000049	4000000049	1013029450	3500000049	3500000049
2014081100	5401328049	3600000049	3600000049	3632128049	3500000049	3500000049	7948550048	3500000049	3500000049
2014081160	3919700047	5600000049	5600000049	5014000046	7800000049	7800000049			
3014080900	6631840048	3500000049	3500000049	7155020048	3400000049	3400000049	6447960048	3500000049	3500000049
3014080930	6378220048	3500000049	3500000049	4712570048	3600000049	3600000049	4756150048	3600000049	3600000049
3014080960	5597470048	3500000049	3500000049	5835220048	3500000049	3500000049	6405300047	4800000049	4800000049
3014080990	2970470048	3800000049	3800000049	5049630048	3500000049	3500000049	8787510048	3400000049	3400000049
3014081020	1469351049	3400000049	3400000049	2200253049	3400000049	3400000049	2441912049	3500000049	3500000049
3014081050	2183542049	3400000049	3400000049	2598956049	3500000049	3500000049	2168700049	3400000049	3400000049
3014081080	1473844049	3400000049	3400000049	1725659049	3400000049	3400000049	1157656049	3400000049	3400000049
3014081110	8816500048	3400000049	3400000049	6656940048	3500000049	3500000049	3936140048	3600000049	3600000049
3014081140	2083780048	4000000049	4000000049	6761400047	4800000049	4800000049	2513800047	3700000049	3700000049
3014081170	3032000046	7900000049	7900000049	1848000048	8500000049	8500000049			
4014080710	2144580048	3600000049	3600000049	1806240048	3600000049	3600000049	1840070048	3600000049	3600000049
4014080740	2142640048	3600000049	3600000049	1945350048	3600000049	3600000049	1945940048	3600000049	3600000049
4014080770	1699480048	3600000049	3600000049	2070810048	3600000049	3600000049	1616920048	3700000049	3700000049
4014080800	1975890048	3600000049	3600000049	1773690048	3600000049	3600000049	2130570048	3600000049	3600000049
4014080830	1897510048	3600000049	3600000049	2104490048	3600000049	3600000049	2029390048	3600000049	3600000049
4014080860	2435150048	3500000049	3500000049	2134370048	3600000049	3600000049	1916660048	3600000049	3600000049
4014080890	2291280048	3500000049	3500000049	1887310048	3600000049	3600000049	1956150048	3600000049	3600000049
4014080920	1805570048	3600000049	3600000049	1848410048	3600000049	3600000049	1962560048	3600000049	3600000049
4014080950	2738600048	3500000049	3500000049	2604800048	3500000049	3500000049	2772810048	3500000049	3500000049
4014080980	3802030048	3400000049	3400000049	3530830048	3400000049	3400000049	5906750048	3400000049	3400000049
4014081010	6843360048	3400000049	3400000049	5208700048	3400000049	3400000049	5689560048	3400000049	3400000049
4014081040	5858470048	3400000049	3400000049	5757660048	3400000049	3400000049	7897390048	3400000049	3400000049
4014081070	7513760048	3400000049	3400000049	6632060048	3400000049	3400000049	7088550048	3400000049	3400000049
4014081100	6220560048	3400000049	3400000049	4994570048	3400000049	3400000049	4880880048	3400000049	3400000049
4014081130	3583510048	3400000049	3400000049	1726970048	3600000049	3600000049	7074500047	4100000049	4100000049
4014081160	1600400047	5300000049	5300000049						
5014080900		9999999999	9999999999	1907000046	2100000050	2100000050		9999999999	9999999999
5014080912		9999999999	9999999999		9999999999	9999999999		9999999999	9999999999
5014080930		9999999999	9999999999		9999999999	9999999999		9999999999	9999999999
5014080942		9999999999	9999999999	5960000045	2100000050	2100000050	1185000046	2100000050	2100000050
5014080960	1263000046	2100000050	2100000050	1088000046	2100000050	2100000050	2712000046	2100000050	2100000050
5014080972	9440000046	2100000050	2100000050	2027000046	2100000050	2100000050	2615000046	2100000050	2100000050
5014080990	2079000046	2100000050	2100000050	2019000046	2100000050	2100000050	2101000046	2100000050	2100000050

TABLE XIV-1 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
501408102	4120000046	2100000050	3107000046	2100000050	2272000046	2100000050
5014081020	3457000046	2100000050	2876000046	2100000050	3487000046	2100000050
5014081032	4448000046	2100000050	4753000046	2100000050	5469000046	2100000050
5014081050	4590000046	2100000050	4500000046	2100000050	4195000046	2100000050
5014081062	4545000046	2100000050	6273000046	2100000050	9999999999	9999999999
5014081080		9999999999		9999999999	4783000046	2100000050
5014081092	4783000046	2100000050	8047000046	2100000050	9999999999	9999999999
5014081110	8762000046	2100000050	1122100047	2100000050	1085500047	2100000050
5014081122	9365000046	2100000050	1014000047	2100000050	1028900047	2100000050
5014081140	5230000046	2100000050	6698000046	2100000050	4321000046	2100000050
5014081152		9999999999		9999999999	9999999999	9999999999
5014081170	1424600047	2100000050	1598100047	2100000050	2105500047	2100000050
5014081182	2835700047	2100000050	2944500047	2100000050	2588500047	2100000050
5014081200	2368500047	2100000050	2329800047	2100000050	1747200047	2100000050
5014081212	1954300047	2100000050	1420800047	2100000050	1411900047	2100000050
5014081230	1037900047	2100000050	1419300047	2100000050	1526600047	2100000050
5014081242	1450600047	2100000050	1110900047	2100000050	4604000046	2100000050
5014081260	1280000047	2100000050	1488600047	2100000050	9879000046	2100000050
5014081272	1228600047	2100000050	4470000046	2100000050	2100000050	2100000050
5014081290		9999999999	3211000046	2100000050	8613000046	9999999999
5014081302	7316000046	2100000050	5409000046	2100000050	6326000046	2100000050
5014081320	3852000046	2100000050	3710000046	2100000050	2928000046	9999999999
5014081332	1669000046	2100000050				
5014081350	2974000046	2100000050	2459000046	2100000050		
5014081362	1140000046	2100000050				
5014081380	1758000046	2100000050	3561000046	2100000050	4522000046	2100000050
5014081392	6255000046	2100000050	6177000046	2100000050	4999000046	2100000050
5014081404	5001000046	2100000050	6102000046	2100000050	6579000046	2100000050
5014081422	8166000046	2100000050	5648000046	2100000050	9999999999	9999999999
5014081440		9999999999	7518000046	2100000050	9634000046	2100000050
5014081452	1171200047	2100000050			1153500047	2100000050
5014081464	1285200047	2100000050	1312800047	2100000050	1712100047	2100000050
5014081476	1508700047	2100000050			1516900047	2100000050
5014081488	1299400047	2100000050	1177900047	2100000050	7898000046	2100000050
5014081500	8267000046	2100000050	8106000046	2100000050	6139000046	2100000050
5014081512	3941000046	2100000050	2697000046	2100000050	1952000046	2100000050
5014081524	1013000046	2100000050	1311000046	2100000050		
5014081536	8821000046	6100000049	1571300047	5600000049	5521000046	6600000049
5014081548	2051100047	5400000049	2125700047	5300000049	1586200047	5600000049

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
1015080800	2051100047	5400000049	5400000049	2363300047	5200000049	5200000049	3171000047	3171000047	3000000049
1015080860	5853200047	4500000049	4500000049	3456620048	3300000049	3300000049	4044000049	4044000049	3000000049
1015080920	1984638750	3700000049	3700000049	5916446450	4400000049	4400000049	971281250	971281250	4000000049
1015080980	1048787551	4900000049	4900000049	9039811850	4800000049	4800000049	6453297350	6453297350	4000000049
1015081040	7786589150	4600000049	4600000049	6282354150	4500000049	4500000049	9752526750	9752526750	4000000049
1015081100	1033843651	4900000049	4900000049	8290527050	4700000049	4700000049	5597785150	5597785150	4400000049
1015081160	6462903350	4500000049	4500000049	8931865550	4800000049	4800000049	1077477151	1077477151	4900000049
1015081220	9975060850	4800000049	4800000049	1177215151	5000000049	5000000049	1168225951	1168225951	5000000049
1015081280	106343351	4900000049	4900000049	9526345150	4800000049	4800000049	1264934351	1264934351	5100000049
1015081340	1390532651	5100000049	5100000049	1079407551	4900000049	4900000049	7672707750	7672707750	4600000049
1015081400	6253670950	4500000049	4500000049	5188873450	4300000049	4300000049	4050114850	4050114850	4200000049
1015081460	3325729850	4000000049	4000000049	1945618550	3700000049	3700000049	1712707450	1712707450	3600000049
1015081520	1626871550	3600000049	3600000049	1714047050	3600000049	3600000049	1354155750	1354155750	3500000049
1015081580	1560358050	3500000049	3500000049						
2015080700	4411000046	6700000049	6700000049	2516000046	7300000049	7300000049	4873000046	4873000046	6600000049
2015080760	4411000046	6700000049	6700000049	5797000046	6500000049	6500000049	1592700047	1592700047	3000000049
2015080820	3081600047	5000000049	5000000049	4325800047	4700000049	4700000049	7157800047	7157800047	4300000049
2015080880	7441600047	4300000049	4300000049	1183970048	4000000049	4000000049	1118620048	1118620048	4000000049
2015080940	3268500048	3400000049	3400000049	1026657049	2900000049	2900000049	3035225049	3035225049	2900000049
2015081000	499064049	3000000049	3000000049	5180754049	3000000049	3000000049	5984984049	5984984049	3100000049
2015081060	6572604049	3100000049	3100000049	6865732049	3100000049	3100000049	739251049	739251049	3200000049
2015081120	6985322049	3200000049	3200000049	6571315049	3100000049	3100000049	3933575049	3933575049	3000000049
2015081180	3447591049	2900000049	2900000049	1718357049	2900000049	2900000049	1585327049	1585327049	2900000049
2015081240	2365962049	2900000049	2900000049	3934242049	3000000049	3000000049	7247984049	7247984049	3200000049
2015081300	4979730049	3000000049	3000000049	1012158450	3300000049	3300000049	3292597049	3292597049	2900000049
2015081360	1811244049	2900000049	2900000049	1874983049	2900000049	2900000049	1364075049	1364075049	2900000049
2015081420	1103550049	2900000049	2900000049	6893200048	3000000049	3000000049	4878495048	4878495048	3200000049
2015081480		9995999999	9995999999	2312290048	3500000049	3500000049	2100170048	2100170048	3600000049
2015081540	2466290048	3500000049	3500000049	3343600048	3300000049	3300000049	3130400048	3130400048	3400000049
2015081600	3076570048	3400000049	3400000049						
3015080900	4930800047	5000000049	5000000049	5989500047	4900000049	4900000049	8328300047	8328300047	4600000049
3015080930	1029800048	4400000049	4400000049	1990270048	4000000049	4000000049	2983290048	2983290048	3000000049
3015080960	3244950048	3700000049	3700000049	5499500048	3500000049	3500000049	8177500048	8177500048	3400000049
3015080990	7299470048	3400000049	3400000049	7099360048	3400000049	3400000049	6256720048	6256720048	3500000049
3015081020	6663870048	3500000049	3500000049	6500930048	3500000049	3500000049	5520510048	5520510048	3500000049
3015081050	6092270048	3500000049	3500000049	1421489049	3400000049	3400000049	1466750049	1466750049	3400000049
3015081080	1834787049	3400000049	3400000049	1954421049	3400000049	3400000049	1926966049	1926966049	3400000049
3015081110	2000652049	3400000049	3400000049	1566832049	3400000049	3400000049	1522875049	1522875049	3400000049
3015081140	1473978049	3400000049	3400000049	1611032049	3400000049	3400000049	1601107049	1601107049	3400000049

TABLE XIV-1 (Cont)

ID.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
3015081170	1225919049	3400000049	3400000049	1334943049	3400000049	3400000049	1352839049	3400000049	3400000049
3015081200	1220435049	3400000049	3400000049	8888390048	3400000049	3400000049	1031816049	3400000049	3400000049
3015081230	1555137049	3400000049	3400000049	1689143049	3400000049	3400000049	1968756049	3400000049	3400000049
3015081260	2614111049	3500000049	3500000049	3147975049	3500000049	3500000049	3670204049	3600000049	3600000049
3015081290	4116982049	3600000049	3600000049	2895027049	3500000049	3500000049	2470866049	3500000049	3500000049
3015081320	2245262049	3400000049	3400000049	1383424049	3400000049	3400000049	8851070048	3400000049	3400000049
3015081350	4481900048	3600000049	3600000049	3429430048	3700000049	3700000049	2515320048	3800000049	3800000049
3015081380	1659910048	4100000049	4100000049						
4015081710	3870000045	9400000049	9400000049	2310000045	1000000050	1000000050	3870000045	9400000049	9400000049
4015080740	5360000045	9000000049	9000000049	6850000045	8700000049	8700000049	9830000045	8300000049	8300000049
4015080770	3870000045	9400000049	9400000049	1125000046	8100000049	8100000049	6850000045	8700000049	8700000049
4015080800	1758000046	7600000049	7600000049	8340000045	8500000049	8500000049	9090000045	8400000049	8400000049
4015080830	1052000046	7500000049	7500000049	2094000046	7400000049	7400000049	2742000046	7100000049	7100000049
4015080860	4567000046	6600000049	6600000049	4917000046	6500000049	6500000049	3338000046	6900000049	6900000049
4015080890	3882000046	6800000049	6800000049	6557000046	6200000049	6200000049	8598000046	5900000049	5900000049
4015080920	1136200047	5700000049	5700000049	1235300047	5600000049	5600000049	2281400047	5000000049	5000000049
4015080950	3445900047	4700000049	4700000049	6832200047	4200000049	4200000049	1396090048	3700000049	3700000049
4015080980	2125500048	3600000049	3600000049	2148970048	3600000049	3600000049	1571400048	3700000049	3700000049
4015081010	1298930048	3600000049	3600000049	1175630048	3800000049	3800000049	8733600047	4000000049	4000000049
4015081040	8935500047	4600000049	4600000049	8062300047	4100000049	4100000049	9722300047	3900000049	3900000049
4015081070	1208630048	3600000049	3600000049	1136880048	3600000049	3600000049	1165940048	3600000049	3600000049
4015081100	1867560048	3600000049	3600000049	2234800048	3500000049	3500000049	3479420048	3400000049	3400000049
4015081130	3887790048	3400000049	3400000049	4716070048	3400000049	3400000049	4333630048	3400000049	3400000049
4015081160	4423410048	3400000049	3400000049	4438390048	3400000049	3400000049	4832970048	3400000049	3400000049
4015081190	5251540048	3400000049	3400000049	5933270048	3400000049	3400000049	8559080048	3500000049	3500000049
4015081220	1130000049	3500000049	3500000049	1194641049	3500000049	3500000049	1261495049	3500000049	3500000049
4015081250	1135223049	3500000049	3500000049	1225747049	3500000049	3500000049	9993690048	3400000049	3400000049
4015081280	7036030048	3400000049	3400000049	5425140048	3400000049	3400000049	4790050048	3400000049	3400000049
4015081310	2372410048	3500000049	3500000049	1570140048	3700000049	3700000049	1267340048	3800000049	3800000049
4015081340	6884300047	4200000049	4200000049	6477500047	4200000049	4200000049	5681100047	4300000049	4300000049
4015081370	3732700047	4600000049	4600000049	3254400047	4700000049	4700000049	2760400047	4900000049	4900000049
4015081400	2067700047	5100000049	5100000049	2080900047	5100000049	5100000049	1329200047	5500000049	5500000049
4015081430	1408900047	5500000049	5500000049	6676000046	6200000049	6200000049	6579000046	6200000049	6200000049
4015081460	3793000046	6900000049	6900000049	3837000046	6800000049	6800000049	1684000046	7700000049	7700000049
4015081490	1423000046	7900000049	7900000049	9830000045	8300000049	8300000049	3050000045	9600000049	9600000049
4015081520	4620000045	9200000049	9200000049	2310000045	1000000050	1000000050	3870000045	9400000049	9400000049
4015081550	2310000045	1000000050	1000000050						
5015081080	5260000045	2100000050	2100000050						
5015081092	1416000046	2100000050	2100000050	1445000046	9999999999	9999999999	5740000045	2100000050	2100000050
					2100000050	2100000050	3152000046	2100000050	2100000050

TABLE XIV-1 (Cont)

LD.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
5015081110	3941000046	2100000050	2100000050	4135000046	2100000050	2100000050	4716000046	2100000050	2100000050
5015081122	4649000046	2100000050	2100000050	5469000046	2100000050	2100000050	7637000046	2100000050	2100000050
5015081140	7704000046	2100000050	2100000050	8553000046	2100000050	2100000050	8546000046	2100000050	2100000050
5015081152	6151000046	2100000050	2100000050	7734000046	2100000050	2100000050	8084000046	2100000050	2100000050
5015081170	1105700047	2100000050	2100000050	1891000047	2100000050	2100000050	3066700047	2100000050	2100000050
5015081182	4006900047	2100000050	2100000050	5071600047	2100000050	2100000050	6482700047	2100000050	2100000050
5015081200	8560000047	2100000050	2100000050		9999999999	9999999999	1302800040	2100000050	2100000050
5015081212	1380000048	2100000050	2100000050	1481250048	2100000050	2100000050	1704690048	2100000050	2100000050
5015081230		9999999999	9999999999		9999999999	9999999999	7617500047	2100000050	2100000050
5015081242	5470200047	2100000050	2100000050	8196000046	2100000050	2100000050	2598800047	2100000050	2100000050
5015081260	1709900047	2100000050	2100000050		9999999999	9999999999		9999999999	9999999999
5015081272	1967000046	2100000050	2100000050	6480000045	2100000050	2100000050	1259000046	2100000050	2100000050
6015081200	6560000045	2100000050	2100000050	1490000046	2100000050	2100000050	7530000045	2100000050	2100000050
6015081203		9999999999	9999999999	1445000046	2100000050	2100000050	1244000046	2100000050	2100000050
6015081212	1691000046	2100000050	2100000050	2481000046	2100000050	2100000050	1185000046	2100000050	2100000050
6015081221	1580000046	2100000050	2100000050	2183000046	2100000050	2100000050	1557000046	2100000050	2100000050
6015081230	2101000046	2100000050	2100000050	1587000046	2100000050	2100000050	2354000046	2100000050	2100000050
6015081233	2243000046	2100000050	2100000050	2712000046	2100000050	2100000050	2399000046	2100000050	2100000050
6015081242	2220000046	2100000050	2100000050	3971000046	2100000050	2100000050	2109000046	2100000050	2100000050
6015081251	1729000046	2100000050	2100000050	6765000046	2100000050	2100000050	2384000046	2100000050	2100000050
6015081260	2065000046	2100000050	2100000050	9641000046	2100000050	2100000050	4992000046	2100000050	2100000050
6015081263	5059000046	2100000050	2100000050		9999999999	9999999999	7369000046	2100000050	2100000050
6015081272	7562000046	2100000050	2100000050		9999999999	9999999999		9999999999	9999999999
6015081281		9999999999	9999999999	1129500047	2100000050	2100000050	1131000047	2100000050	2100000050
6015081290	1203300047	2100000050	2100000050	1402900047	2100000050	2100000050	1196600047	2100000050	2100000050
6015081293	1121300047	2100000050	2100000050	1245000047	2100000050	2100000050	1265100047	2100000050	2100000050
6015081302	1283700047	2100000050	2100000050	7927000046	2100000050	2100000050	1119600047	2100000050	2100000050
6015081311	1129500047	2100000050	2100000050	7793000046	2100000050	2100000050	8605000046	2100000050	2100000050
6015081320	7659000046	2100000050	2100000050	5499000046	2100000050	2100000050	7384000046	2100000050	2100000050
6015081323	6609000046	2100000050	2100000050	5946000046	2100000050	2100000050	5864000046	2100000050	2100000050
6015081332	5729000046	2100000050	2100000050	5282000046	2100000050	2100000050	5454000046	2100000050	2100000050
6015081341	3293000046	2100000050	2100000050	3256000046	2100000050	2100000050	3412000046	2100000050	2100000050
6015081350	3800000046	2100000050	2100000050	2243000046	2100000050	2100000050	2764000046	2100000050	2100000050
6015081353	1878000046	2100000050	2100000050	2086000046	2100000050	2100000050	2280000046	2100000050	2100000050
6015081362		9999999999	9999999999	1632000046	2100000050	2100000050	1088000046	2100000050	2100000050
6015081371	1527000046	2100000050	2100000050	1490000046	2100000050	2100000050	1416000046	2100000050	2100000050
6015081380	9540000045	2100000050	2100000050	9610000045	2100000050	2100000050	1408000046	2100000050	2100000050
6015081383	8790000045	2100000050	2100000050	1602000046	2100000050	2100000050	8570000045	2100000050	2100000050
6015081392		9999999999	9999999999		9999999999	9999999999		9999999999	9999999999

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	S.E.		GM SEC/CU.M	S.E.		GM SEC/CU.M	S.E.	
1016080680	1550758651	6100000049	1988070851	6400000049	1026961351	5700000049			
1016080740	9242952049	3800000049	1685400048	4400000049	1108600047	7000000049			
1016080800	1066900047	7000000049	1231600047	6900000049	6273000046	7600000049			
1016080860	5521000046	7700000049	6191000046	7100000049	7689000046	7400000049			
1016080920	1157800047	6900000049	1001400047	7000000049	1084100047	7000000049			
1016080980	3152000046	8400000049	6020000046	7600000049	4172000046	8100000049			
1016081040	5938000046	7700000049	3658000046	8200000049	4679000046	7900000049			
1016081100	8605000046	7200000049	7190000046	7400000049	1341000046	9400000049			
1016081160	7190000046	7400000049	6691000046	7500000049	4932000046	7900000049			
1016081220	5440000045	1050000050	4932000046	7900000049	8933000046	7200000049			
1016081280	2638000046	8600000049	2377000046	8700000049	2377000046	8700000049			
1016081340	4172000046	8100000049	2123000046	8800000049	1080000046	9600000049			
2016080700	5610585049	3600000049	1090422049	3400000049	1271100047	6800000049			
2016080760	1032600047	7000000049	3785000046	8100000049	5253000046	7800000049			
2016080820	4522000046	7900000049	2548000046	8600000049	3293000046	8300000049			
2016080880	1296000046	9400000049	1296000046	9400000049		9999999999			
3016080900	3500000045	1050000050		9999999999	2024000046	0000000049			
3016080930		9999999999		9999999999		9999999999			
3016080960		9999999999		9999999999		9999999999			
3016080990		9999999999	1021000046	9200000049		9999999999			
3016081020		9999999999		9999999999		9999999999			
3016081050	3500000045	1050000050		9999999999		9999999999			
3016081080		9999999999		9999999999	1684000046	8600000049			
3016081110		9999999999		9999999999		9999999999			
3016081140		9999999999		9999999999		9999999999			
3016081170		9999999999	6850000045	9600000049		9999999999			
3016081200	1684000046	8600000049		9999999999		9999999999			
3016081230		9999999999		9999999999	5220000045	1000000049			
3016081260		9999999999		9999999999		9999999999			
3016081290		9999999999	2660000046	8100000049		9999999999			
3016081320		9999999999		9999999999		9999999999			
3016081350	5220000045	1000000050		9999999999		9999999999			
3016081380		9999999999		9999999999		9999999999			
4016080710	5912000047	4300000049	5991000047	4300000049	3666400047	4600000049			
4016080740	2003500047	4800000049	1961000047	5200000049	1101900047	5700000049			
4016080770	1166800047	5600000049	1163800047	5600000049	6676000046	6200000049			
4016080800	5551000046	6400000049	4143000046	6700000049	3077000046	7000000049			
4016080830	3556000046	6700000049	2719000046	7100000049	9830000045	8300000049			
4016080860	1781000046	7600000049	1565000046	7800000049	9830000045	8300000049			

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M			GM SEC/CU.M			GM SEC/CU.M		
5016081110	70330000046		2100000050	58640000046		2100000050	63260000046		2100000050
5016081122	56400000046		2100000050	49250000046		2100000050	42020000046		2100000050
5016081140			9999999999	18480000046		2100000050	17290000046		2100000050
5016081152			9999999999	40080000046		2100000050	36360000046		2100000050
5016081170	28830000046		2100000050	19820000046		2100000050	17660000046		2100000050
5016081182	18250000046		2100000050	10210000046		2100000050	13490000046		2100000050
5016081200	22050000046		2100000050	21760000046		2100000050			
6016081100			9999999999	12740000046		2100000050			9999999999
6016081103			9999999999			9999999999			9999999999
6016081112			9999999999	59600000045		2100000050			9999999999
6016081121			9999999999			9999999999	74500000045		2100000050
6016081130	87000000045		2100000050	92400000045		2100000050			9999999999
6016081133			9999999999			9999999999			9999999999
6016081142			9999999999			9999999999			9999999999
6016081151			9999999999			9999999999			9999999999
6016081160			9999999999			9999999999			9999999999
6016081153			9999999999			9999999999			9999999999
6016081172			9999999999			9999999999			9999999999
6016081181			9999999999			9999999999			9999999999
6016081190			9999999999			9999999999			9999999999
6016081193			9999999999	86400000045		2100000050			9999999999
6016081202			9999999999			9999999999	10280000046		9999999999
6016081211			9999999999			9999999999			9999999999
6016081220			9999999999			9999999999			9999999999
6016081223			9999999999	17360000046		2100000050	21090000046		2100000050
6016081232			9999999999	16690000046		2100000050	92400000045		2100000050
6016081241	93100000045		2100000050			9999999999			9999999999
6016081250			9999999999			9999999999	90900000045		2100000050
6016081253	70800000045		2100000050	70800000045		2100000050			9999999999
6016081262	14830000046		2100000050	20710000046		2100000050			9999999999
6016081271	80500000045		2100000050	80500000045		2100000050	12220000046		2100000050
6016081280	82000000045		2100000050	82000000045		2100000050	15800000046		2100000050
6016081283	70700000045		2100000050	12590000046		2100000050	10650000046		2100000050
6016081292	14480000046		2100000050	62600000045		2100000050			9999999999
6016081301	10950000046		2100000050	12220000046		2100000050	97600000045		2100000050
6016081310	15870000046		2100000050	20340000046		2100000050	16760000046		2100000050
6016081313			9999999999	16910000046		2100000050			9999999999
6016081322			9999999999			9999999999			9999999999
6016081331	15420000046		2100000050	21760000046		2100000050			9999999999

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
6016081240	9090000045	2100000050	9999999999	9536700047	9999999999	9999999999	1242300048	9999999999	9999999999
6016081243	9390000045	2100000050	9999999999	1834410048	4900000049	4900000049	1457860048	4600000049	4600000049
1017080680	1247750048	4600000049	4300000049	1203050048	4700000045	4700000045	1841260048	4300000049	4300000049
1017080740	1104850048	4600000049	4600000049	2183840048	4200000049	4200000049	1838350048	4300000049	4300000049
1017080800	1370240048	4600000049	4400000049	1671690048	4400000049	4400000049	1326350048	4600000049	4600000049
1017080860	1772570048	4600000049	4900000049	1909880048	4300000049	4300000049	2290850048	4200000049	4200000049
1017080920	1305570048	4600000049	4200000049	1719820048	4400000049	4400000049	3529860048	3900000049	3900000049
1017080980	8891500047	4900000049	3600000049	6057170048	3600000049	3600000049	9438400048	3500000049	3500000049
1017081040	2208870048	4200000049	3800000049	9212300049	3800000049	3800000049	2577119350	4500000049	4500000049
1017081100	4061760048	3800000049	5500000049	7685293350	5500000049	5500000049	1050280049	5000000049	5000000049
1017081160	3954105049	3500000049	5600000049	8848358750	5600000049	5600000049	8716875350	5600000049	5600000049
1017081220	3628061750	4800000049	4900000049	4186585550	4900000049	4900000049	1967562150	4300000049	4300000049
1017081280	1171211951	5900000049	3400000049	2425626049	3400000049	3400000049	4910800048	5700000049	5700000049
1017081240	6245915650	5300000049	5900000049	3733500047	5700000049	5700000049	3828900047	6000000049	6000000049
1017081400	9227939049	3800000049	2998100047	2998100047	5900000049	5900000049	2821500047	6000000049	6000000049
1017081460	1177560048	4700000049	6800000049	1223400047	6800000049	6800000049	1698000047	6200000049	6200000049
1017081520	3860900047	5700000049	6300000049	2098100047	6300000049	6300000049	2192000047	6200000049	6200000049
1017081580	4083700047	5600000049	6800000049	1271100047	6800000049	6800000049	1721000047	6100000049	6100000049
2017080700	5826000046	7600000049	7500000049	6713000046	7500000049	7500000049	2534700047	6600000049	6600000049
2017080760	5253000046	7800000049	7100000049	7279000046	7400000049	7400000049	1540000047	7300000049	7300000049
2017080820	1579500047	6600000049	6800000049	8322000046	7100000049	7100000049	7836000046	6200000049	6200000049
2017080880	2332000047	6200000049	6500000049	1626500047	6500000049	6500000049	2136000047	6200000049	6200000049
2017080940	9447000046	7100000049	5700000049	1925200047	6400000049	6400000049	5709400047	5300000049	5300000049
2017081000	1294900047	6800000049	5200000049	1991090048	4300000049	4300000049	1083463049	5400000049	5400000049
2017081060	1619000047	6500000049	3500000049	8519255049	3800000049	3800000049	8272936049	5800000049	5800000049
2017081120	3557700047	5700000049	3800000049	6766722049	3700000049	3700000049	3884532049	5500000049	5500000049
2017081180	6067000047	5200000049	3400000049	1758941049	3400000049	3400000049	6099120048	5600000049	5600000049
2017081240	4480697049	3500000049	5000000049	3526400047	5700000049	5700000049	1279300047	6800000049	6800000049
2017081300	9066403049	3800000049	7100000049	6065000046	7600000049	7600000049	3785000046	6100000049	6100000049
2017081360	2101466049	3400000049	9000000049	3785000046	8100000049	8100000049	3293000046	6300000049	6300000049
2017081420	7839500047	5000000049	8500000049	1927500047	5900000049	5900000049	7480000046	6500000049	6500000049
2017081480	9201000046	7100000049	7300000049	5597600047	4900000049	4900000049	1374190048	4200000049	4200000049
2017081540	1803000046	9000000049	3600000049	8777830048	3400000049	3400000049	1549147049	5400000049	5400000049
2017081600	2801000046	8500000049	3400000049	2337217049	3500000049	3500000049	1443446049	5400000049	5400000049
3017081180	5327000046	7300000049	3400000049	1098499049	3400000049	3400000049	8169110048	5400000049	5400000049
3017081210	1999000047	5900000049	7300000049						
3017081240	4386080048	3600000049	5900000049						
3017081270	1967940049	3400000049	3400000049						
3017081300	1250289049	3400000049	3400000049						

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M			GM SEC/CU.M			GM SEC/CU.M		
3017081330	9148050048		3400000049	6033630048		3500000049	6408910048		3500000049
3017081360	5306230048		3500000049	4488900048		3600000049	6418880048		3500000049
4017081200	2980000046		7000000049	6676000046		6200000049	3144000046		7000000049
4017081230	2958000046		7100000049	6884000046		6200000049	3481700047		4700000049
4017081260	1292450048		3800000049	2982840048		3500000049	4362910048		3400000049
4017081290	6203950048		3400000049	4954790048		3400000049	2845380048		3500000049
4017081320	1192470048		3800000049	8297000047		4000000049	1757070048		3600000049
4017081350	2725500048		3500000049	3385920048		3400000049	2360420048		3500000049
4017081380	2248060048		3500000049	2290010048		3500000049	1721900048		3600000049
4017081410	1205350048		3800000049	7872300047		4100000049	3463800047		4700000049
4017081440	1602600047		5300000049	7071000046		6100000049			
5017081262	2027000046		2100000050	2131000046		2100000050	7734000046		2100000050
5017081280	1241300047		2100000050	1204800047		2100000050	2100300047		2100000050
5017081292			9999999999	5242200047		2100000050	6800900047		2100000050
5017081310	5693000047		2100000050	4999300047		2100000050	2943000047		2100000050
5017081322	1842500047		2100000050	9678000046		2100000050			9999999999
5017081340	2868000046		2100000050						
6017081230	1490000046		2100000050	3062000046		2100000050	3405000046		2100000050
6017081233	4321000046		2100000050	6147000046		2100000050	5558000046		2100000050
6017081242	5558000046		2100000050	5856000046		2100000050	4433000046		2100000050
6017081251	6296000046		2100000050			9999999999	1577300047		2100000050
6017081260	1364200047		2100000050	2136100047		2100000050	1736700047		2100000050
6017081263	2244100047		2100000050	2295500047		2100000050	2020600047		2100000050
6017081272	2922900047		2100000050	2383400047		2100000050	2925100047		2100000050
6017081281			9999999999			9999999999			9999999999
6017081290	2317100047		2100000050			9999999999	1987100047		2100000050
6017081293	2109300047		2100000050			9999999999	1292700047		2100000050
6017081302	1042300047		2100000050	1446200047		2100000050			
6017081311	6765000046		2100000050	1106400047		2100000050	6780000046		2100000050
6017081320	1460000046		2100000050	3949000046		2100000050			9999999999
1018080680	1363500047		6800000049						
1018080740	9932000046		7100000049	1265100047		6800000049	1355300047		6800000049
1018080800	1730800047		6500000049	1452900047		6700000049	1207000047		6900000049
1018080860	2677000047		6100000049	1412600047		6700000049	1289700047		6800000049
1018080920	3621700047		5800000049	7443000046		7400000049	2516100047		6100000049
1018080980	1543000047		6600000049	2725400047		6000000049	1289700047		6800000049
1018081040	2628600047		6100000049	2499700047		6100000049	4987400047		5400000049
1018081100	7627900047		5100000049	3126300047		5900000049	2837900047		6000000049
	1339354049		3400000049	1277850048		4600000049	2046970048		4300000049
				3716044049		3500000049	7248057049		3700000049

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
1018081220	7045780150	54000000049	1042008751	58000000049	9811915550	57000000049			
1018081280	1020086251	57000000049	8592207750	56000000049	7716521650	55000000049			
1018081340	5891586150	52000000049	2772661350	46000000049	5326957049	36000000049			
1018081400	1245858049	34000000049	3956410048	38000000049	40039000047	57000000049			
1018081460	1526600047	66000000049							
2018081120	5053700047	54000000049	2495050048	41000000049	9677930048	35000000049			
2018081180	2732240049	34000000049	3220804049	34000000049	3718220049	35000000049			
2018081240	5117126049	36000000049	5874380049	36000000049	8364037049	38000000049			
2018081300	1580569950	42000000049	2627999049	34000000049	5839910048	36000000049			
2018081360	4992600047	54000000049							
3018081100	1496800047	62000000049	8387100047	46000000049	2772440048	38000000049			
3018081130	5379100048	35000000049	5416940048	35000000049	6506520048	35000000049			
3018081160	5269800048	35000000049	4601480048	36000000049	4616980048	36000000049			
3018081190	3940310048	36000000049	6500930048	35000000049	7951630048	34000000049			
3018081220	9092760048	34000000049	1075275049	34000000049	7285620048	34000000049			
3018081250	1196183049	34000000049	1127608049	34000000049	1348190049	34000000049			
3018081280	1480252049	34000000049	8263290048	34000000049	7045190048	34000000049			
3018081310	1854820048	40000000049	5418800047	50000000049	7436000046	69000000049			
4018081050	6162000046	63000000049	5490300047	43000000049	1094190048	39000000049			
4018081080	1514330048	37000000049	1647030048	37000000049	1554120048	37000000049			
4018081110	1103880048	39000000049	1053360048	39000000049	7283700047	41000000049			
4018081140	6765900047	42000000049	8844600047	40000000049	8616600047	40000000049			
4018081170	5641600047	43000000049	8980900047	40000000049	7918500047	41000000049			
4018081200	9176100047	40000000049	7336600047	41000000049	1443030048	37000000049			
4018081230	1333730048	38000000049	1852880048	36000000049	8831200047	40000000049			
4018081260	3670900047	46000000049	3763000046	68000000049					
5018081092	3360000046	21000000050	4098000046	21000000050	9149000046	21000000050			
5018081110	1633200047	21000000050	1896200047	21000000050	2505600047	21000000050			
5018081122	4222200047	21000000050	4445000047	21000000050	5567100047	21000000050			
5018081140	4977000047	21000000050	6484200047	21000000050	4576500047	21000000050			
5018081152	3768500047	21000000050	3494300047	21000000050	1827600047	21000000050			
5018081170	9865000046	21000000050	2846000046	21000000050	2109000046	21000000050			
5018081182		9999999999	1341000046	21000000050	4920000045	21000000050			
5018081200	1542000046	21000000050	3561000046	21000000050	1401000046	21000000050			
5018081212	2101000046	21000000050	1751000046	21000000050	1326000046	21000000050			
5018081230	7450000045	21000000050	1624000046	21000000050	1118000046	21000000050			
6018081162	1602000046	21000000050	9390000045	21000000050	1661000046	21000000050			
6018081171	2131000046	21000000050	2228000046	21000000050	2243000046	21000000050			
6018081180	1766000046	21000000050	1058000046	21000000050	1423000046	21000000050			

TABLE XIV-1 (Cont)

I.D.	DOSAGE		DOSA IE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
6018081183		9999999999	7182000046	2100000050	1341800047	2100000050
6018081192	1131000047	2100000050	1918500047	2100000050	1886500047	2100000050
6018081201	2349200047	2100000050	1724800047	2100000050	2729900047	2100000050
6018081210	2641200047	2100000050	2940000047	2100000050	2933300047	2100000050
6018081213	2315600047	2100000050	2161400047	2100000050	2651700047	2100000050
6018081222	1748700047	2100000050	2758900047	2100000050	2593500047	2100000050
6018081231	3042800047	2100000050	2505600047	2100000050	2638300047	2100000050
6018081240	2688900047	2100000050	2403600047	2100000050	2601000047	2100000050
6018081243	1353800047	2100000050		9999999999	6273000046	2100000050
6018081252	2198700047	2100000050	2220300047	2100000050	1663000047	2100000050
6018081261	2838700047	2100000050	1543800047	2100000050	2149500047	2100000050
6018081270	2378200047	2100000050	1838100047	2100000050	1964000047	2100000050
6018081273	2763500047	2100000050	1886500047	2100000050	1514700047	2100000050
6018081282	1838800047	2100000050	2076500047	2100000050	3316000046	2100000050
6018081291	1603400047	2100000050	2320100047	2100000050	2089900047	2100000050
6018081300	1420800047	2100000050	1540800047	2100000050	1394000047	2100000050
6018081303	1101900047	2100000050	8672000046	2100000050	1039400047	2100000050
6018081312	8777000046	2100000050	8725000046	2100000050	7845000046	2100000050
6018081321	7138000046	2100000050	4053000046	2100000050	7659000046	2100000050
6018081330	7093000046	2100000050	6966000046	2100000050	3502000046	2100000050
6018081333	7562000046	2100000050	7570000046	2100000050	8084000046	2100000050
6018081342	6169000046	2100000050	6899000046	2100000050		9999999999
6018081351	5790000046	2100000050	5037000046	2100000050	4724000046	2100000050
6018081360	4791000046	2100000050	3770000046	2100000050	3554000046	2100000050
6018081363		9999999999	1661000046	2100000050	2682000046	2100000050
6018081372		9999999999	1445000046	2100000050	1609000046	2100000050
6018081381	2071000046	2100000050				5900000049
6018081380	2265700047	6200000049	2797700047	6000000049	3038300047	6000000049
6018081370	1958000047	6400000049	3013800047	5900000049	2837900047	5600000049
6018081380	2998100047	5900000049	3797600047	5700000049	4369800047	3600000049
6018081380	5098400047	5400000049	2199780048	4200000049	7340980048	3500000049
6018081390	1498900049	3400000049	2269119049	3400000049	4964367049	3900000049
6018081390	6850846049	3700000049	8804597049	3800000049	1057520550	4600000049
6018081400	1569764350	4200000049	1456458150	4100000049	2750425050	4700000049
6018081100	2921839150	4600000049	3993320550	4900000049	3292466750	4800000049
6018081160	4843740950	5000000049	5660074950	5200000049	3515581050	4200000049
6018081220	2457094250	4500000049	2734533750	4600000049	1623720750	3400000049
6018081280	9979889049	3900000049	4884019049	3500000049	2973780049	5800000049
6018081240	7210970048	3600000049	1056860048	4800000049	3342300047	

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
1010081400			9999999999	8024000046		7300000049	1762000047		6500000049
1010081450	1485600047		6700000049	1017700047		7100000049			
2010080020	1160100047		6900000049	8367700047		6900000049	5835670040		3600000049
2010080080	6464940048		3600000049	6571700048		3600000049	4797000040		3700000049
2010081040	8740130048		3500000049	9206630048		3500000049	1004000049		3400000049
2010081100	2594464049		3400000049	3153481049		3400000049	3499523049		3500000049
2010081160	5177312049		3600000049	3573605049		3500000049	3290730049		3400000049
2010081220	2931530049		3400000049	2410300049		3400000049	1212000049		3400000049
2010081280	2595850048		4100000049	2347700047		6200000049			
3010080060	3065900047		5200000049	1028330048		4400000049			
3010080090	2050750048		4000000049	1895200048		4000000049			
3010081020	1107330048		4400000049	1233000048		4300000049			
3010081050	1561420048		4100000049	1506360048		4200000049	1672000040		4100000049
3010081080	2243220048		3900000049	2666790048		3800000049	1355340040		4200000049
3010081110	5212350048		3500000049	7998720048		3400000049	1174500040		4300000049
3010081140	8700420048		3400000049	1072384049		3400000049	1964500048		4000000049
3010081170	7858720046		3400000049	6251340048		3500000049	3045500048		3700000049
3010081200	5797520048		3500000049	5566700046		3500000049	8316650040		3400000049
3010081230	5021620048		3500000049	3657490048		3700000049	1033052049		3400000049
3010081260	1062010048		4400000049	4101500047		5200000049	7203200040		3400000049
4010080080	9410000046		5900000049	1940900047		5200000049	4401100040		3900000049
4010081010	6634700047		4200000049	3746200047		4600000049	7696000046		6900000049
4010081040	4052400047		4500000049	3952500047		4600000049	4789200047		4400000049
4010081070	4042000047		4400000049	5701200047		4300000049	3089000047		4800000049
4010081100	6865000047		4200000049	1011190048		3900000049	2685900047		4500000049
4010081130	2594660048		3500000049	3026870048		3500000049	6240600047		4200000049
4010081160	2840310048		3500000049	2117830048		3600000049	1786430048		3600000049
4010081190	1671980048		3700000049	1613720048		3700000049	3348890048		3400000049
4010081220	1033250048		3900000049	7925200047		4100000049	1260860040		3800000049
4010081250	1286200047		5600000049				1629070040		3700000049
5010081062	1669000046		2100000050	1803000046		2100000050	3102400047		4800000049
5010081080	2488000046		2100000050						
5010081092	3569000046		2100000050	2399000046		2100000050			
5010081110	4403000046		2100000050	5595000046		2100000050	1989000046		2100000050
5010081122	7443000046		2100000050	1376900047		2100000050	2608000046		2100000050
5010081140	2391000047		2100000050	2906500047		2100000050	3770000046		2100000050
5010081152	3400400047		2100000050	4798200047		2100000050	5305000046		2100000050
5010081170	5769000047		2100000050	5686500047		2100000050	1484900047		2100000050
5010081182	5780200047		2100000050	5687800047		2100000050	2669500047		2100000050
							4977000047		2100000050
							5465700047		2100000050
							4386900047		2100000050

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
5019081200			9999999999	3245500047	2100000050	2100000050	6333000046	9999999999	2100000050
5019081212	1710700047		2100000050	7354000046	2100000050	2100000050			
5019081230	4634000046		2100000050						
6019081083	2056000046		2100000050	2906000046	2100000050	2100000050	2183000046	2100000050	2100000050
6019081092	3238000046		2100000050	4619000046	2100000050	2100000050	4709000046	2100000050	2100000050
6019081101	3159000046		2100000050	3435000046	2100000050	2100000050	5215000046	2100000050	2100000050
6019081110	5826000046		2100000050	5201000046	2100000050	2100000050	5469000046	2100000050	2100000050
6019081113	5275000046		2100000050	5692000046	2100000050	2100000050	6318000046	2100000050	2100000050
6019081122	4761000046		2100000050	5387000046	2100000050	2100000050	5834000046	2100000050	2100000050
6019081131	7093000046		2100000050	6378000046	2100000050	2100000050	6780000046	2100000050	2100000050
6019081140	6087000046		2100000050	4917000046	2100000050	2100000050	5007000046	2100000050	2100000050
6019081143	8278000046		2100000050	9291000046	2100000050	2100000050	8844000046	2100000050	2100000050
6019081152	1211500047		2100000050	1087000047	2100000050	2100000050	1255400047	2100000050	2100000050
6019081161	1224000047		2100000050	8315000046	2100000050	2100000050	1197300047	2100000050	2100000050
6019081170	1224300047		2100000050	1049800047	2100000050	2100000050	1259900047	2100000050	2100000050
6019081173	1216700047		2100000050	1180200047	2100000050	2100000050	8628000046	2100000050	2100000050
6019081182	1429800047		2100000050	1052800047	2100000050	2100000050			
6019081191	1208500047		2100000050	1193600047	2100000050	2100000050	1236800047	2100000050	2100000050
6019081200	1097500047		2100000050	9179000046	2100000050	2100000050	7726000046	2100000050	2100000050
6019081203	7518000046		2100000050	8442000046	2100000050	2100000050	4962000046	2100000050	2100000050
6019081212	8011000046		2100000050	5357000046	2100000050	2100000050	6102000046	2100000050	2100000050
6019081221	5014000046		2100000050	4096000046	2100000050	2100000050	5372000046	2100000050	2100000050
6019081230	4403000046		2100000050	4657000046	2100000050	2100000050	1855000046	2100000050	2100000050
6019081233	1766000046		2100000050	2138000046	2100000050	2100000050			
1020080680	1729663151		6300000049	3112412051	6900000049	6900000049	2087114751	6900000049	6900000049
1020080740	1079054051		5800000049	7231903150	5400000049	5400000049	4905042250	5400000049	5400000049
1020080800	5467938650		5100000049	4864751550	5000000049	5000000049	3482284450	4000000049	4000000049
1020080860	2076830750		4300000049	8832604049	3800000049	3800000049	9560760048	3500000049	3500000049
1020080920	2081700047		5900000049	1066900047	7000000049	7000000049	7689000046	7400000049	7400000049
1020080980	2277000046		8700000049	1116800047	7000000049	7000000049	6944000046	7500000049	7500000049
1020081040	5421000046		7800000049	4679000046	7900000049	7900000049	4679000046	7900000049	7900000049
1020081100	2123000046		8800000049	7942000046	7300000049	7300000049	9932000046	7100000049	7100000049
1020081160	2891000046		8500000049	4172000046	8100000049	8100000049	5431000046	7000000049	7000000049
1020081220	7443000046		7400000049	7669000046	7400000049	7400000049	4679000046	7400000049	7400000049
1020081280	1485600047		6700000049						
2020080700	7707998049		3700000049	4720770049	3500000049	3500000049	2392200049	3400000049	3400000049
2020080760	1923047049		5400000049	1375544049	3400000049	3400000049	7301420048	3500000049	3500000049
2020080820	2123490048		4200000049	1076240048	4700000049	4700000049	1563900047	6000000049	6000000049
4020080710	8229700047		4000000049	5668400047	4300000049	4300000049	4378000047	4500000049	4500000049

43

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
4202080740	4278900047	4500000049	2986200047	4800000049	2103300047	5100000049			
4202080770	5342000046	6400000049	5320000046	6400000049	1058700047	5700000049			
4202080800	8717000046	5200000049	6927000046	6200000049	4470000046	6600000049			
4202080830	2459000046	7300000049	1125000046	8100000049					
5020080900	1340000045	9000000049		9999999999		9999999999			
5020080912		9999999999		9999999999	1500000044	1130000050			
5020080930		9999999999		9999999999		9999999999			
5020080942		9999999999	7500000044	9600000049		9999999999			
5020080960		9999999999		9999999999		9999999999			
5020080972	3700000044	1050000050		9999999999		9999999999			
5020080990		9999999999		9999999999		9999999999			
5020081002		9999999999		9999999999		9999999999			
5020081020		9999999999		9999999999		9999999999			
5020081032		9999999999	3700000044	1050000050		9999999999			
5020081050		9999999999		9999999999		9999999999			
5020081062		9999999999		9999999999	7500000044	9600000049			
5020081080		9999999999		9999999999		9999999999			
5020081092		9999999999	9700000044	9400000049		9999999999			
5020081110		9999999999		9999999999		9999999999			
5020081122		9999999999		9999999999		9999999999			
5020081140		9999999999		9999999999	1340000045	9000000049			
5020081152		9999999999		9999999999		9999999999			
5020081170		9999999999		9600000049		9999999999			
5020081182		9999999999	7500000044	9999999999		9999999999			
5020081200	7500000044	9600000049		9999999999		9999999999			
5020081212		9999999999		9999999999	6000000044	9599999999			
5020081230		9999999999		9999999999		1000000050			
5020081242		9999999999		9999999999		9999999999			
5020081260		9999999999	7500000044	9600000049		9999999999			
5020081272	6000000044	1000000050		9999999999		9999999999			
5020081290		9999999999		9999999999	1790000045	8700000049			
5020081302		9999999999		9999999999		9999999999			
5020081320		9999999999		1130000050		9999999999			
5020081332		9999999999	1500000044	9999999999		9999999999			
5020081350	9700000044	9400000049		9999999999		9999999999			
5020081362		9999999999		9999999999	1560000045	8800000049			
5020081380		9999999999		9999999999					
1021030680	9217900047	4900000049	3765500047	5700000049	1294760048	4600000049			
1021030740	1222270048	4700000049	1028930048	4800000049	1231580048	4700000049			

TABLE XIV-1 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
1021080800	2053830048	4300000049	1976190048	4300000049	2495350048	4100000049
1021080860	1896170048	4300000049	1678540048	4400000049	1145820048	4700000049
1021080920	1127270048	4700000049	1043680048	4800000049	1171380048	4700000049
1021080980	1176000048	4700000049	1372550048	4600000049	2393130048	4200000049
1021081040	2765130048	4100000049	1120340048	4700000049	3595050048	3900000049
1021081100	9374920048	3500000049	2930500049	3400000049	5419217049	3600000049
1021081160	1626110850	4200000049	2809377050	4600000049	5968114750	5200000049
1021081220	7551840750	5400000049	1270610351	5900000049	1520763351	6100000049
1021081280	1395105951	6000000049	1095052351	5800000049	6804709150	5300000049
1021081340	3504318050	4800000049	1152914050	4000000049	3540084049	3400000049
1021081400	4707800048	3800000049	7299300047	5100000049		
2021080700	8881000046	7200000049	6475000046	7500000049	1516200047	6600000049
2021080760	2011700047	6300000049	1373900047	6700000049	2074200047	6300000049
2021080820	1255400047	6800000049	1619000047	6500000049	1382100047	6700000049
2021080880	9604000046	7100000049	1650300047	6500000049	2136800047	6200000049
2021080940	1760600047	5400000049	6147000046	7600000049	1619000047	6500000049
2021081000	2089900047	6300000049	2074200047	6300000049	1286700047	6800000049
2021081060	9283000046	7100000049	1886500047	6400000049	1595200047	6600000049
2021081120	1800100047	6400000049	1744900047	6500000049	1262670048	4600000049
2021081180	5019460048	3700000049	1744382049	3400000049	4768945049	3500000049
2021081240	9714298049	3900000049	1404636450	4100000049	1366127350	4100000049
2021081300	6704066049	3800000049	3676370049	3500000049	5762730048	3600000049
2021081360	4854800047	5400000049				
3021081110	1093700047	6500000049	1150400047	6500000049	2824000046	6000000049
3021081140	7227000046	7000000049	6020000046	7100000049	1083300047	6500000049
3021081170	2467600047	5700000049	6727100047	4800000049	2333520048	3900000049
3021081200	3094300048	3700000049	7181390046	3400000049	1146823049	3400000049
3021081230	1277104049	3400000049	1737051049	3400000049	2200387049	3400000049
3021081260	2455268049	3500000049	2824500049	3500000049	3427796049	3600000049
3021081290	3520302049	3600000049	2875626049	3500000049	2372734049	3500000049
3021081320	1277104049	3400000049	4498740048	3600000049	1581680048	4100000049
3021081350	4006200047	5100000049	9999000046	6600000049		
4021081180	8740000046	5900000049	2477300047	5000000049	4448800047	4400000049
4021081210	1682150048	3700000049	3117550048	3400000049	3768920048	3400000049
4021081240	5450180048	3400000049	3880260048	3400000049	4968420048	3400000049
4021081270	4782200048	3400000049	4984550048	3400000049	5859730048	3400000049
4021081300	5270410048	3400000049	4482570048	3400000049	3537090048	3400000049
4021081330	2001030048	3400000049	2281740048	3500000049	1648290048	3700000049
4021081360	7002100047	4100000049	1958800047	5200000049		

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
5021081152	3986000046		2100000050			9999999999		2080400047	2100000050
5021081170	3699200047		2100000050	4439100047		2100000050		4040400047	2100000050
5021081182	5596100047		2100000050	5292100047		2100000050		5384500047	2100000050
5021081200	5068600047		2100000050	4477100047		2100000050		6213000047	2100000050
5021081212	3749100047		2100000050	1950600047		2100000050		6430000046	2100000050
5021081230	6303000046		2100000050	4582000046		2100000050		2556000046	2100000050
6021081170	2146000046		2100000050			9999999999		3174000046	2100000050
6021081173	4597000046		2100000050			9999999999		1271800047	2100000050
6021081182	1049800047		2100000050	1684600047		2100000050		2711300047	2100000050
6021081191	3245300047		2100000050	2849800047		2100000050		4487500047	2100000050
6021081200	5131200047		2100000050	4839900047		2100000050		4416000047	2100000050
6021081203	4872700047		2100000050			9999999999		4491200047	2100000050
6021081212			9999999999	4635000047		2100000050		3662000047	2100000050
6021081221	4069500047		2100000050	2449800047		2100000050		3846000047	2100000050
6021081230	4639500047		2100000050	3954800047		2100000050			9999999999
6021081233	3646300047		2100000050	2849800047		2100000050		2662800047	2100000050
6021081242	2599500047		2100000050	1887200047		2100000050		6512000046	2100000050
6021081251			9999999999	1759100047		2100000050		1624200047	2100000050
6021081260	9462000046		2100000050	9209000046		2100000050		7622000046	2100000050
6021081263			9999999999	5648000046		2100000050		3465000046	2100000050
6021081272	3256000046		2100000050	4150000046		2100000050			9999999999
6021081281	3599000046		2100000050	3457000046		2100000050			6400000049
1022080740	2660600047		6100000049	2273900047		6200000049		1926000047	7100000049
1022080800	2022800047		6300000049	1974400047		6400000049		1009600047	7100000049
1022080860	1803800047		6500000049	2685200047		6100000049		3214200047	5900000049
1022080920	2507900047		6100000049	2507900047		6100000049		1616800047	6600000049
1022080980	8687000046		7200000049	4710300047		5500000049		1300950048	4600000049
1022081040	9342060048		3500000049	2647005049		3400000049		8502342049	5000000049
1022081100	1447580850		4100000049	2421624250		4500000049		3383431650	4700000049
1022081160	7065565950		5400000049	8985935250		5600000049		115078351	5800000049
1022081220	9191913250		5600000049	9642073550		5700000049		6539697950	5300000049
1022081280	3271945650		4700000049	1123937250		3900000049		4973784049	3500000049
1022081340	1406528049		3400000049	5269130048		3700000049		7901300047	5000000049
2022081060	1878300047		6400000049	1785530048		4300000049		3768580048	3900000049
2022081120	1008153049		3500000049	1804888049		3400000049		5174682049	3600000049
2022081180	1018521250		3900000049	1019710350		3900000049		8424222049	3800000049
2022081240	7865556049		3800000049	3790267049		3500000049		9707510048	3500000049
2022081300	9788600047		4800000049						
3022081090	2711300047		5600000049	1158490048		4400000049		2167150048	3900000049

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
1023081100	1973880048	4300000049	4300000049	4137900048	3800000049	3800000049	1197562049	3400000049	3400000049
1023081160	4833154049	3500000049	3500000049	1357707450	4100000049	4100000049	3435189550	4700000049	4700000049
1023081220	4261242650	4900000049	4900000049	9760761350	5700000049	5700000049	1081023151	5800000049	5800000049
1023081280	1096407451	5800000049	5800000049	9549781750	5700000049	5700000049	8504731250	5600000049	5600000049
1023081340	6914655150	5400000049	5400000049	3450546450	4700000049	4700000049	1217056150	4000000049	4000000049
1023081400	2626784049	3400000049	3400000049	3426370048	3900000049	3900000049	3158300047	5900000049	5900000049
2023081160	3209700047	5800000049	5800000049	1081450048	4700000049	4700000049	4698490048	3700000049	3700000049
2023081220	2353370049	3400000049	3400000049	5548313049	3600000049	3600000049	9709924049	3900000049	3900000049
2023081280	9688690049	3900000049	3900000049	1051373850	3900000049	3900000049	7670830049	3700000049	3700000049
2023081340	3280938049	3400000049	3400000049	7535670048	3500000049	3500000049	6515500047	5200000049	5200000049
3023081190	2142000047	5800000049	5800000049	4372000047	5200000049	5200000049	1244620048	4300000049	4300000049
3023081250	4470070048	3600000049	3600000049	7765810048	3400000049	3400000049	9579880048	3400000049	3400000049
3023081280	1343548049	3400000049	3400000049	1842572049	3400000049	3400000049	2410620049	3500000049	3500000049
3023081280	2619751049	3500000049	3500000049	2716683049	3500000049	3500000049	2247281049	3400000049	3400000049
3023081310	1761837049	3400000049	3400000049	1332887049	3400000049	3400000049	9412990048	3400000049	3400000049
3023081340	4047190048	3500000049	3500000049	3381220048	3700000049	3700000049	1037120048	4400000049	4400000049
4023081270	3553900047	5300000049	5300000049						
4023081190	8026000046	5900000049	5900000049	2952700047	4800000049	4800000049	7015500047	4100000049	4100000049
4023081220	1789030048	3600000049	3600000049	2823320048	3500000049	3500000049	2231600048	3500000049	3500000049
4023081250	3091770048	3400000049	3400000049	4751530048	3400000049	3400000049	4702960048	3400000049	3400000049
4023081280	5141720048	3400000049	3400000049	4544260048	3400000049	3400000049	4614000048	3400000049	3400000049
4023081310	2630050048	3500000049	3500000049	2107020048	3600000049	3600000049	1224130048	3800000049	3800000049
4023081340	2236700047	5000000049	5000000049	9201000046	5900000049	5900000049			
5023081190	5305000046	2100000050	2100000050	1698000047	2100000050	2100000050	2171800047	2100000050	2100000050
5023081192	2592100047	2100000050	2100000050	3612800047	2100000050	2100000050	4922600047	2100000050	2100000050
5023081120	5789100047	2100000050	2100000050	5989500047	2100000050	2100000050	5210200047	2100000050	2100000050
5023081132	6206300047	2100000050	2100000050				5108100047	2100000050	2100000050
5023081150	5455300047	2100000050	2100000050	3818400047	2100000050	2100000050	4964300047	2100000050	2100000050
5023081162	5126000047	2100000050	2100000050	4743000047	2100000050	2100000050	4227500047	2100000050	2100000050
5023081180	4783300047	2100000050	2100000050	4646900047	2100000050	2100000050	4467400047	2100000050	2100000050
5023081192	4670800047	2100000050	2100000050	4389100047	2100000050	2100000050	3671600047	2100000050	2100000050
5023081210	3065200047	2100000050	2100000050	3939100047	2100000050	2100000050	3097200047	2100000050	2100000050
5023081222	3093700047	2100000050	2100000050	2919100047	2100000050	2100000050	1801500047	2100000050	2100000050
5023081240	1154800047	2100000050	2100000050	9418000045	2100000050	2100000050	5260000046	2100000050	2100000050
6023081130	5662000046	2100000050	2100000050	8404000046	2100000050	2100000050	1124300047	2100000050	2100000050
6023081132	9321000046	2100000050	2100000050	1271800047	2100000050	2100000050	1516900047	2100000050	2100000050
6023081142	1601900047	2100000050	2100000050	2152500047	2100000050	2100000050	2304500047	2100000050	2100000050
6023081151	2061600047	2100000050	2100000050	3206000047	2100000050	2100000050	3191800047	2100000050	2100000050
6023081160	4141000047	2100000050	2100000050		9999999999	9999999999	4982200047	2100000050	2100000050

TABLE XIV-1 (Cont)

ID.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
6023081162	4586600047	2100000050	5197500047	2100000050	5822600047	2100000050
6023081172	5321400047	2100000050	3952000047	2100000050	2553300047	2100000050
6023081181	3872100047	2100000050	2737300047	2100000050	2885600047	2100000050
6023081190	1598100047	2100000050	2058600047	2100000050	1522200047	2100000050
6023081193	1791900047	2100000050	1563900047	2100000050	1235300047	2100000050
6023081202	9097000046	2100000050	1265100047	2100000050	1108600047	2100000050
6023081211	8473000046	2100000050	8725000046	2100000050	6884000046	2100000050
6023081220	7384000046	2100000050	5506000046	2100000050		
1024080680	2717841450	4600000049	3624891550	4800000049	3809712150	4800000049
1024080740	3657954250	4800000049	3177694250	4700000049	4648292150	5000000049
1024080800	6041960450	5200000049	6977929950	5400000049	9734284150	5700000049
1024080860	1063936351	5800000049	1328976451	6000000049	2078929051	6400000049
1024080920	2316628551	6600000049	2458269551	6600000049	2505248051	6600000049
1024080980	2508593351	6600000049	2517174851	6600000049	2864403051	6800000049
1024081040	3264205551	7000000049	2970978151	6800000049	2592003051	6800000049
1024081100	2751315551	6500000049	1367858851	6000000049	5616618750	5200000049
1024081160	1026269550	3900000049	6583930048	3600000049	1322300047	6000000049
1024081220	3912000046	8100000049	1100500047	7000000049	0607000046	7200000049
1024081280	1076600047	5400000049	6467000046	6400000049	1940800047	5400000049
1024081340	2333500047	5300000049	2481800047	5200000049	2570400047	5200000049
1024081400	2095800047	5300000049	3390000047	4900000049	1661500047	5600000049
1024081460	1113900047	5900000049	3375100047	4900000049	3404200047	4900000049
1024081520	4744500047	4700000049	5527600047	4500000049	5166300047	4600000049
1024081580	8583800047	4200000049				
2024080700	6150909049	3600000049	5605951049	3600000049	5703457049	3600000049
2024080760	610702049	3600000049	5839556049	3600000049	5376317049	3600000049
2024080820	5669817049	3600000049	3674153049	3500000049	1115270750	4000000049
2024080880	1602992450	4200000049	1886712850	4300000049	1786122250	4300000049
2024080940	2118519850	4400000049	2243933850	4400000049	2149749250	4400000049
2024081000	2016899050	4400000049	2080553350	4400000049	2430000050	4500000049
2024081060	2326265750	4500000049	2100613750	4400000049	1328680050	4200000049
2024081120	1759800050	4000000049	8483998049	3800000049	5171420049	3800000049
2024081180	2274520049	3400000049	5908530048	3600000049	1162220046	4700000049
2024081240	1151900047	6900000049	5290000045	1050000050	1043000046	9600000049
2024081300	2302000046	8700000049	2548000046	8600000049	7900000045	1000000050
2024081360	5200000045	1050000050	7900000045	1000000050	1043000046	9600000049
2024081420	5200000045	1050000050	3785000046	8100000049	1803000046	9600000049
2024081480	2801000046	8500000049	4031000046	8100000049	5614000046	7800000049
2024081540	2801000046	8500000049	7900000045	1000000050	1550000046	5200000049

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
2024081600	14529000047	66000000049	35000000049	2788484049	35000000049	35000000049	3016964049	35000000049	35000000049
3024080900	2323352049	35000000049	36000000049	4071929049	36000000049	36000000049	4025526049	36000000049	36000000049
3024080930	3248297049	36000000049	36000000049	4242927049	37000000049	37000000049	3767073049	37000000049	37000000049
3024080960	3318019049	36000000049	36000000049	4110888049	36700000049	36700000049	4336365049	37000000049	37000000049
3024080990	4470736049	37000000049	36000000049	4245579049	37000000049	37000000049	4245579049	37000000049	37000000049
3024081020	3849760049	36000000049	36000000049	4245579049	37000000049	37000000049	4245579049	37000000049	37000000049
3024081050	5461119049	36000000049	36000000049	4982770049	37000000049	37000000049	4245579049	37000000049	37000000049
3024081080	4336104049	37000000049	37000000049	3001992049	35000000049	35000000049	2818/40049	35000000049	35000000049
3024081110	3202945049	35000000049	35000000049	1925347049	34000000049	34000000049	2196417049	34000000049	34000000049
3024081140	2088711049	34000000049	34000000049	1197554049	34000000049	34000000049	1282302049	34000000049	34000000049
3024081170	8798540048	34000000049	34000000049	5684270048	35000000049	35000000049	2415180048	35000000049	35000000049
3024081200	1510680048	42000000049	42000000049	7393200047	47000000049	47000000049	5617/00047	45000000049	45000000049
3024081230	1388800047	63000000049	63000000049	7384000046	67000000049	67000000049	2168000046	63000000049	63000000049
3024081260	1848000046	85000000049	85000000049						
4024080710	2459880048	35000000049	35000000049	2395880048	35000000049	35000000049	2553540048	35000000049	35000000049
4024080740	2781000048	35000000049	35000000049	2589600048	35000000049	35000000049	2912210048	35000000049	35000000049
4024080770	3106220048	34000000049	34000000049	3353280048	34000000049	34000000049	3152790048	34000000049	34000000049
4024080800	3344490048	34000000049	34000000049	4095880048	34000000049	34000000049	3521440048	34000000049	34000000049
4024080830	3815220048	34000000049	34000000049	3735720048	34000000049	34000000049	4046260048	34000000049	34000000049
4024080860	4495680048	34000000049	34000000049	4941750048	34000000049	34000000049	4743610048	34000000049	34000000049
4024080890	5242820048	34000000049	34000000049	5461650048	34000000049	34000000049	534/600048	34000000049	34000000049
4024080920	5423870048	34000000049	34000000049	5467700048	34000000049	34000000049	7553500048	34000000049	34000000049
4024080950	7817600048	34000000049	34000000049	9493600048	34000000049	34000000049	1094020049	35000000049	35000000049
4024080980	1159638049	35000000049	35000000049	9440480048	34000000049	34000000049	1074730049	35000000049	35000000049
4024081010	1170315049	35000000049	35000000049	1047492049	35000000049	35000000049	1012169049	34000000049	34000000049
4024081040	8757850048	34000000049	34000000049	8565260048	34000000049	34000000049	6822420048	34000000049	34000000049
4024081070	9188280048	34000000049	34000000049	5453600048	34000000049	34000000049	521580048	34000000049	34000000049
4024081100	6369950048	34000000049	34000000049	5422680048	34000000049	34000000049	2680040048	35000000049	35000000049
4024081130	1737850048	36000000049	36000000049	1988040048	36000000049	36000000049	1609850048	37000000049	37000000049
4024081160	5391200047	43000000049	43000000049	2437100047	50000000049	50000000049	2872200047	48000000049	48000000049
4024081190	2044400047	51000000049	51000000049	1324700047	55000000049	55000000049	8531000046	60000000049	60000000049
4024081220	4686000046	66000000049	66000000049	2429000046	73000000049	73000000049			
5024080932		9999999999	9999999999		9999999999	9999999999			
5024080950		9999999999	9999999999		9999999999	9999999999			
5024080962		9999999999	9999999999		9999999999	9999999999			
5024080980	8050000045	21000000049	21000000049		9999999999	9999999999	1565000046		
5024080992		9999999999	9999999999		9999999999	9999999999			
5024081010		9999999999	9999999999		9999999999	9999999999			
5024081022		9999999999	9999999999		9999999999	9999999999			

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M			GM SEC/CU.M			GM SEC/CU.M		
5024081040		9999999999				9999999999	9020000045		2100000050
5024081052		9999999999				9999999999			9999999999
5024081070		9999999999				9999999999			9999999999
5024081082		9999999999				9999999999			9999999999
5024081100		9999999999				9999999999			9999999999
5024081112		9999999999				9999999999			9999999999
5024081130		9999999999				9999999999			9999999999
5024081142		9999999999				9999999999			9999999999
5024081160		9999999999				9999999999			9999999999
5024081172		9999999999				9999999999			9999999999
5024081190		9999999999				9999999999			9999999999
5024081202		9999999999				9999999999			9999999999
5024081220		9999999999				9999999999			9999999999
5024081232		9999999999				9999999999	3720000045		2100000050
5024081250		9999999999				9999999999			9999999999
5024081262		9999999999				9999999999			9999999999
5024081280		9999999999				9999999999			9999999999
5024081292		9999999999				9999999999			9999999999
5024081310		9999999999				9999999999			9999999999
5024081322		9999999999				9999999999			9999999999
5024081340		9999999999				9999999999	1222000046		2100000050
5024081352		9999999999				9999999999			9999999999
5024081370		9999999999				9999999999			9999999999
5024081382		9999999999				9999999999			9999999999
5024081400		9999999999				9999999999			9999999999
5024081570		9999999999				9999999999			9999999999
5024081582		9999999999				9999999999			9999999999
5024081600		9999999999				9999999999			9999999999
5024081612		9999999999				9999999999	8270000045		2100000050
5024081630	8120000045	2100000050				9999999999			9999999999
5024081642		9999999999				9999999999			9999999999
1025080700	1841800047	5500000049				5500000049	4515100047		4700000049
1025080760	2776100047	5100000049				5100000049	9234200047		4200000049
1025080820	6600500047	4400000049				4400000049	9276000047		4200000049
1025080880	1549050048	4800000049				4800000049	1464710049		2900000049
1025080940	1965716049	2900000049				2900000049	6577300049		3100000049
1025081000	9763360049	3300000049				3300000049	1106041350		3400000049
1025081060	1572947950	3500000049				3500000049	2684010050		3900000049
1025081120	2451750650	3800000049				3800000049	2908011150		3900000049

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M			GM SEC/CU.M			GM SEC/CU.M		
1025081180	3657337150		41000000049	5852304450		44000000049	6430769750		45000000049
1025081240	9360219550		48000000049	9086678250		48000000049	7448510150		46000000049
1025081300	4698944150		43000000049	3880094050		41000000049	2520674550		38000000049
1025081360	8031823049		32000000049	3504910049		29000000049	1150729049		29000000049
1025081420	2541770048		35000000049	4550300047		47000000049	1160100047		29000000049
2025080840	1008100047		70000000049	1008100047		70000000049	7436000046		14000000049
2025080900	2402100047		61000000049	1508700047		66000000049	2074200047		63000000049
2025080960	3586200047		57000000049	3911600047		56000000049	5024200047		59000000049
2025081020	8246700047		49000000049	9345300047		49000000049	4471910048		58000000049
2025081080	1157165049		34000000049	7465410048		35000000049	9407340048		55000000049
2025081140	6883520048		36000000049	9701180048		35000000049	1575224049		54000000049
2025081200	2023399049		34000000049	3337152049		34000000049	5167820049		56000000049
2025081260	7102676049		37000000049	6867338049		37000000049	3344916049		54000000049
2025081320	2037898049		34000000049	4851520048		37000000049	5069400047		54000000049
3025081000	8851000046		67000000049	9321000046		67000000049	5966000046		70000000049
3025081030	9164000046		67000000049	7913000046		69000000049	1830600047		60000000049
3025081060	2292000047		58000000049	2457900047		57000000049	5110600047		55000000049
3025081090	5944800047		49000000049	6153400047		49000000049	1130770048		44000000049
3025081120	1890880048		40000000049	1939910048		40000000049	1055520048		41000000049
3025081150	2493860048		39000000049	1854820048		40000000049	3750720048		50000000049
3025081180	2575370048		36000000049	2593990048		38000000049	2026200048		40000000049
3025081210	3637670048		37000000049	5314650048		35000000049	6252750048		55000000049
3025081240	8562130048		34000000049	1373187049		34000000049	1503906049		54000000049
3025081300	1828417049		34000000049	1795627049		34000000049	1917772049		54000000049
3025081330	1292288049		34000000049	7704790048		34000000049	5425740048		55000000049
4025081120	1655700048		40000000049	6564000047		48000000049	1341800047		63000000049
4025081150	4281000045		66000000049	4664000046		66000000049	7883000046		60000000049
4025081180	1037900047		58000000049	1611600047		53000000049	1793400047		52000000049
4025081210	1893200047		52000000049	4901700047		44000000049	7074300047		41000000049
4025081240	7414600047		41000000049	1301470048		38000000049	1633540048		57000000049
4025081270	2142040048		36000000049	2847310048		35000000049	3619610048		54000000049
4025081300	4237000048		34000000049	4362280048		34000000049	3190490048		54000000049
4025081330	1732110048		36000000049	4643900047		44000000049	2690400047		49000000049
5025081120	5178000046		65000000049						
5025081150	5161000046		21000000050	7920000046		21000000050	7981000046		21000000050
5025081180	7269000046		21000000050	8693000046		21000000050	1206200047		21000000050
5025081210	8225000046		21000000050	1370200047		21000000050	1259900047		21000000050
5025081240	1752400047		21000000050	1940900047		21000000050	2171800047		21000000050
5025081270	3080800047		21000000050	3159000047		21000000050	3114300047		21000000050

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
5025081192	3092000047	2100000050	2100000050	3056200047	2100000050	2100000050	3056200047	2100000050	2100000050
5025081210		9999999999	9999999999	4217000047	2100000050	2100000050	4217000047	2100000050	2100000050
5025081222	5506700047	2100000050	2100000050	4506100047	2100000050	2100000050	4506100047	2100000050	2100000050
5025081240	4924800047	2100000050	2100000050	4651400047	2100000050	2100000050	4651400047	2100000050	2100000050
5025081252	5089500047	2100000050	2100000050	4088900047	2100000050	2100000050	4088900047	2100000050	2100000050
5025081270	2457200047	2100000050	2100000050	1184600047	2100000050	2100000050	1184600047	2100000050	2100000050
5025081282	6899000046	2100000050	2100000050	5767000046	2100000050	2100000050	5767000046	2100000050	2100000050
5025081300	4433000046	2100000050	2100000050	3524000046	2100000050	2100000050	3524000046	2100000050	2100000050
5025081312	4105000046	2100000050	2100000050	4970000046	2100000050	2100000050	4970000046	2100000050	2100000050
5025081362	4090000046	2100000050	2100000050	6370000046	2100000050	2100000050	6370000046	2100000050	2100000050
5025081371	9418000046	2100000050	2100000050	9932000046	2100000050	2100000050	9932000046	2100000050	2100000050
5025081380	5624000046	2100000050	2100000050	9343000046	2100000050	2100000050	9343000046	2100000050	2100000050
5025081383	9768000046	2100000050	2100000050	1113900047	2100000050	2100000050	1113900047	2100000050	2100000050
5025081392	8412000046	2100000050	2100000050	9641000046	2100000050	2100000050	9641000046	2100000050	2100000050
5025081391	1017700047	2100000050	2100000050	9075000046	2100000050	2100000050	9075000046	2100000050	2100000050
5025081390	1240500047	2100000050	2100000050	1214400047	2100000050	2100000050	1214400047	2100000050	2100000050
5025081393	1282200047	2100000050	2100000050	1358200047	2100000050	2100000050	1358200047	2100000050	2100000050
5025081392	6400000046	2100000050	2100000050	1467000047	2100000050	2100000050	1467000047	2100000050	2100000050
5025081391	1470000047	2100000050	2100000050	1808300047	2100000050	2100000050	1808300047	2100000050	2100000050
5025081390	1671200047	2100000050	2100000050	1839500047	2100000050	2100000050	1839500047	2100000050	2100000050
5025081393	1504300047	2100000050	2100000050	1737500047	2100000050	2100000050	1737500047	2100000050	2100000050
5025081392	1204000047	2100000050	2100000050	1536300047	2100000050	2100000050	1536300047	2100000050	2100000050
5025081391	1784000047	2100000050	2100000050	1577300047	2100000050	2100000050	1577300047	2100000050	2100000050
5025081390	1409600047	2100000050	2100000050	1358200047	2100000050	2100000050	1358200047	2100000050	2100000050
5025081393	1739000047	2100000050	2100000050	1236100047	2100000050	2100000050	1236100047	2100000050	2100000050
5025081392	1452100047	2100000050	2100000050	1305300047	2100000050	2100000050	1305300047	2100000050	2100000050
5025081391	1093000047	2100000050	2100000050	9894000046	2100000050	2100000050	9894000046	2100000050	2100000050
5025081390	7212000046	2100000050	2100000050	9388000046	2100000050	2100000050	9388000046	2100000050	2100000050
5025081393	6258000046	2100000050	2100000050	5640000046	2100000050	2100000050	5640000046	2100000050	2100000050
5025081392	4001000046	2100000050	2100000050	6653000046	2100000050	2100000050	6653000046	2100000050	2100000050
5025081390	1771000047	6500000049	6500000049	1182400047	6900000049	6900000049	1182400047	6900000049	6900000049
5025081393	7689000046	7400000049	7400000049	2580100047	6100000049	6100000049	2580100047	6100000049	6100000049
5025081392	3869100047	5700000049	5700000049	6154200047	5300000049	5300000049	6154200047	5300000049	5300000049
5025081390	1032166049	3500000049	3500000049	4604190049	3500000049	3500000049	4604190049	3500000049	3500000049
5025081393	2239924150	4700000049	4700000049	6346011250	5300000049	5300000049	6346011250	5300000049	5300000049
5025081392	8725752750	5600000049	5600000049	8758865350	5600000049	5600000049	8758865350	5600000049	5600000049
5025081390	5499106650	5200000049	5200000049	2600934450	4500000049	4500000049	2600934450	4500000049	4500000049
5025081393	0463365049	3000000049	3000000049	1757488049	3400000049	3400000049	1757488049	3400000049	3400000049
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393									
5025081392									
5025081390									
5025081393			</						

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
2026081200	8322000046	7200000049	2100000050	7008000047	5100000049	2100000050	5170030048	3700000049	2100000050
2026081260	1845613049	3400000049	2100000050	4862428049	3500000049	2100000050	9286083049	3000000049	2100000050
2026081320	1101155650	3900000049	2100000050	8420832049	3800000049	2100000050	5930515049	3500000049	2100000050
2026081380	1096216049	3400000049	2100000050	1147990048	4700000049	2100000050	6593000046	3500000049	2100000050
2026081440	1262900047	6800000049	2100000050						
3026081240	3792400047	5400000049	2100000050	1059100048	4400000049	2100000050	3210030046	3700000049	2100000050
3026081270	5531760048	3500000049	2100000050	1124859049	3400000049	2100000050	1152370049	3400000049	2100000050
3026081300	2169910049	3500000049	2100000050	2570100049	3500000049	2100000050	2573929049	3500000049	2100000050
3026081330	2202682049	3400000049	2100000050	1825981049	3400000049	2100000050	1266845049	3400000049	2100000050
3026081360	5726220048	3500000049	2100000050	3301720048	3700000049	2100000050	1044420048	4400000049	2100000050
4026081260	1084100047	5700000049	2100000050	6207800047	4200000049	2100000050	1542740048	3000000049	2100000050
4026081290	3081040048	3400000049	2100000050	5230460048	3400000049	2100000050	7017500048	3000000049	2100000050
4026081320	7392690048	3400000049	2100000050	6683840048	3400000049	2100000050	5111920048	3400000049	2100000050
4026081350	2726090048	3500000049	2100000050	1662370046	3700000049	2100000050	7575300047	4100000049	2100000050
4026081380	1779900047	5300000049	2100000050						
5026081252	1768800047	2100000050	2100000050	2810400047	2100000050	2100000050	4766700047	2100000050	2100000050
5026081270	5801000047	2100000050	2100000050	7575000047	2100000050	2100000050	7527900047	2100000050	2100000050
5026081282	7902800047	2100000050	2100000050	7345500047	2100000050	2100000050	6876100047	2100000050	2100000050
5026081300	6554300047	2100000050	2100000050	6233900047	2100000050	2100000050	8954900047	2100000050	2100000050
5026081312	9764700047	2100000050	2100000050	6376200047	2100000050	2100000050	4895800047	2100000050	2100000050
5026081330	1809700047	2100000050	2100000050						
6026081140	2436000046	2100000050	2100000050	2205000046	2100000050	2100000050	1855000046	2100000050	2100000050
6026081143	2116000046	2100000050	2100000050	2369000046	2100000050	2100000050	2913000046	2100000050	2100000050
6026081152	2565000046	2100000050	2100000050	3666000046	2100000050	2100000050	4247000046	2100000050	2100000050
6026081161	3820000046	2100000050	2100000050	4999000046	2100000050	2100000050	6832000046	2100000050	2100000050
6026081170	7197000046	2100000050	2100000050	8345000046	2100000050	2100000050	9470000046	2100000050	2100000050
6026081173	1116800047	2100000050	2100000050	7547000046	2100000050	2100000050	1383600047	2100000050	2100000050
6026081182	1300100047	2100000050	2100000050	1224100047	2100000050	2100000050	1606300047	2100000050	2100000050
6026081191	1344100047	2100000050	2100000050	1756300047	2100000050	2100000050	1902900047	2100000050	2100000050
6026081200	1966200047	2100000050	2100000050	2292500047	2100000050	2100000050	8702000046	2100000050	2100000050
6026081203	2294800047	2100000050	2100000050	1611200047	2100000050	2100000050	2346900047	2100000050	2100000050
6026081212	1759800047	2100000050	2100000050	1692800047	2100000050	2100000050	2116000047	2100000050	2100000050
6026081221	1706900047	2100000050	2100000050	2296300047	2100000050	2100000050	1882000047	2100000050	2100000050
6026081230	1061000047	2100000050	2100000050	1560900047	2100000050	2100000050	1926700047	2100000050	2100000050
6026081233	1046800047	2100000050	2100000050						
6026081242	2444500047	2100000050	2100000050	2244100047	2100000050	2100000050	1793400047	2100000050	2100000050
6026081251	1815700047	2100000050	2100000050						
6026081260	1907300047	2100000050	2100000050	1505000047	2100000050	2100000050	1458800047	2100000050	2100000050
6026081263	1983300047	2100000050	2100000050	1258400047	2100000050	2100000050	2094400047	2100000050	2100000050
							2385700047	2100000050	2100000050
							1242000047	2100000050	2100000050

TABLE XIV-1 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
6026081272	1417100047	2100000050	2100000050	1245700047	2100000050	2100000050	6419000046	2100000050	2100000050
6026081281	6589000046	2100000050	2100000050	1038600047	2100000050	2100000050	9239000046	2100000050	2100000050
6026081290	6430000046	2100000050	2100000050	7413000046	2100000050	2100000050	5871000046	2100000050	2100000050
6026081292	5137000046	2100000050	2100000050						
1098080840	2402500047	6200000049	6200000049	1949800047	6400000049	6400000049	2112200047	6300000049	6300000049
1098080800	3773000047	5700000049	5700000049	1056860048	4800000049	4800000049	3983300046	3800000049	3800000049
1098080860	6404740048	3600000049	3600000049	2035402049	3400000049	3400000049	2862500049	3400000049	3400000049
1098081020	8865670049	3500000049	3500000049	1103002050	3900000049	3900000049	1665749450	4200000049	4200000049
1098081080	2322630049	4400000049	4400000049	3637990650	4800000049	4800000049	5562010150	5200000049	5200000049
1098081140	5069170049	5200000049	5200000049	8778201550	5600000049	5600000049	1074490551	5800000049	5800000049
1098081200	145732751	6100000049	6100000049	1180729951	5900000049	5900000049	1162494651	5900000049	5900000049
1098081260	1027991651	5700000049	5700000049	7112932250	5400000049	5400000049	3979429050	4900000049	4900000049
1098081220	232230250	4600000049	4600000049	1171410450	4000000049	4000000049	5076094049	5500000049	5500000049
1098081280	5677410048	3700000049	3700000049	1503900048	4500000049	4500000049	4535900047	5500000049	5500000049
2098081000	3556600047	5300000049	5300000049	2895670048	4000000049	4000000049	6366600048	3600000049	3600000049
2098081060	8857660048	5500000049	5500000049	1986094049	3400000049	3400000049	200343049	5400000049	5400000049
2098081120	3158306049	5400000049	5400000049	3870897049	3500000049	3500000049	5957477049	5600000049	5600000049
2098081180	6277404049	3700000049	3700000049	1037070950	3900000049	3900000049	1106270650	5900000049	5900000049
2098081240	8882403049	3800000049	3800000049	8077495049	3800000049	3800000049	4988000049	5600000049	5600000049
2098081300	2374828049	3400000049	3400000049	7103230048	3600000049	3600000049	1029020048	4000000049	4000000049
2098081360	2035500047	6300000049	6300000049						
3098081020	9581000046	6600000049	6600000049	2903500047	5500000049	5500000049	4201400047	5200000049	5200000049
3098081050	7876000047	4700000049	4700000049	1009260048	4500000049	4500000049	2050700048	4000000049	4000000049
3098081080	3534840048	3700000049	3700000049	5330070048	3500000049	3500000049	6064370048	3400000049	3400000049
3098081110	9262490048	3400000049	3400000049	8720720048	3400000049	3400000049	8477790040	3400000049	3400000049
3098081140	8632690048	3400000049	3400000049	8787510048	3400000049	3400000049	1277635049	3400000049	3400000049
3098081170	1041450049	3400000049	3400000049	1190290049	3400000049	3400000049	1504496049	3400000049	3400000049
3098081200	1594447049	3400000049	3400000049	2055772049	3400000049	3400000049	2087067049	3500000049	3500000049
3098081230	2549700049	3500000049	3500000049	2732761049	3500000049	3500000049	1999040049	3400000049	3400000049
3098081260	1868233049	3400000049	3400000049	1593903049	3400000049	3400000049	8704700040	3400000049	3400000049
3098081290	5523240048	3500000049	3500000049	2168570048	3900000049	3900000049	1460320048	4200000049	4200000049
3098081320	6292000047	4300000049	4300000049	1759100047	6000000049	6000000049	1738200047	6000000049	6000000049
4098081040	3412000046	6700000049	6700000049	2744000047	4900000049	4900000049	1015700047	5200000049	5200000049
4098081070	2493000047	5000000049	5000000049	3151600047	4000000049	4000000049	8000100047	4000000049	4000000049
4098081100	1359680048	3700000049	3700000049	2421220048	3500000049	3500000049	2060640040	3500000049	3500000049
4098081130	2647120048	3500000049	3500000049	3560930048	3400000049	3400000049	2063010040	3000000049	3000000049
4098081160	2081620048	3600000049	3600000049	1951600048	3600000049	3600000049	1750340040	3000000049	3000000049
4098081190	2126630048	5000000049	5000000049	5574590048	3400000049	3400000049	4910000048	3400000049	3400000049
4098081220	7006530048	5400000049	5400000049	9446000048	3400000049	3400000049	7560400040	3400000049	3400000049

TABLE XIV-1 (Cont)

I.D.	DOSAGE			DOSAGE			DOSAGE		
	GM SEC/CU.M	S.E.		GM SEC/CU.M	S.E.		GM SEC/CU.M	S.E.	
4098081250	7804710048	3400000049		5611500048	3400000049		4066000046	3400000049	3400000049
4098081280	1044080048	3600000049		5702900047	3900000049		3180/00047	4/00000049	4/00000049
4098081310	3711900047	4700000049		1622700047	5300000049		1233000047	3000000049	3000000049
4098081340	3144000046	7000000049		5767000046	6400000049		4046000046	6/00000049	6/00000049
4098081350	2743000046	2100000050		1592900047	2100000050			9999999999	9999999999
4098081362	2758000046	2100000050		2691900047	2100000050		3911600047	2100000050	2100000050
4098081390	6722700047	2100000050		8919100047	2100000050		1027900048	2100000050	2100000050
4098081392	9085200047	2100000050		8706000047	2100000050		6277100047	2100000050	2100000050
4098081410	4221300047	2100000050		4069500047	2100000050		3708900047	2100000050	2100000050
4098081422	5106600047	2100000050		8320000047	2100000050		9347500047	2100000050	2100000050
4098081440	1285970048	2100000050		1409580048	2100000050		1432600048	2100000050	2100000050
4098081452	1352580048	2100000050		1290700048	2100000050		1147610048	2100000050	2100000050
4098081470		9999999999		9395200047	2100000050		6990900047	2100000050	2100000050
4098081482	4413000047	2100000050		2916200047	2100000050		1590100047	2100000050	2100000050
4098081500	7823000046	2100000050		5417000046	2100000050		3114000046	2100000050	2100000050
4098081512	2734000046	2100000050							
4098081520	2408000046	2100000050		1758000046	2100000050		6177000046	2100000050	2100000050
4098081533	7013000046	2100000050		1385100047	2100000050		2231400047	2100000050	2100000050
4098081522	2448000047	2100000050		2747800047	2100000050		3286500047	2100000050	2100000050
4098081531	3755900047	2100000050		3817700047	2100000050		4007700047	2100000050	2100000050
4098081540	3898100047	2100000050		4155900047	2100000050			9999999999	9999999999
4098081540	3060000047	2100000050		2834900047	2100000050		2587600047	2100000050	2100000050
4098081543	1815700047	2100000050		1099000047	2100000050		1490100047	2100000050	2100000050
4098081552	1483400047	2100000050		1755400047	2100000050		1913300047	2100000050	2100000050
4098081561	1011800047	2100000050		2275400047	2100000050		3312500047	2100000050	2100000050
4098081570	3703700047	2100000050		4986200047	2100000050		4333000047	2100000050	2100000050
4098081573	5684700047	2100000050		5390500047	2100000050		5761000047	2100000050	2100000050
4098081582	6679400047	2100000050		6409700047	2100000050		5901600047	2100000050	2100000050
4098081591	5462800047	2100000050		5479200047	2100000050		4750500047	2100000050	2100000050
4098081600	3955500047	2100000050		4004700047	2100000050		3475700047	2100000050	2100000050
4098081603	2736600047	2100000050		2584600047	2100000050		2147500047	2100000050	2100000050
4098081612	1443200047	2100000050		1345600047	2100000050		1161700047	2100000050	2100000050
4098081621	1023700047	2100000050		6583000046	2100000050		3584000046	2100000050	2100000050

TABLE XIV-2
VALUES OF DOSAGE IN VERTICAL GRID

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
1001091001	4500519050	4200000049	4200000049	4490210150	4558060350	4200000049	4558060350	4200000049	4200000049
1001091004	7316050750	4600000049	4600000049	6717355550	4534521050	4500000049	4534521050	4200000049	4200000049
1001091007	3985097350	4100000049	4100000049	2007931550	1755017049	3700000049	1755017049	2500000049	2500000049
1001091010	1830347049	2300000049	2300000049	3970940048	3039800047	3300000049	3039800047	3500000049	3500000049
1001091013	1221100047	5300000049	5300000049	6467000046	3099000046	6400000049	3099000046	7100000049	7100000049
1001092001	3270340050	4000000049	4000000049	4168283950	5215080050	4200000049	5215080050	4300000049	4300000049
1001092004	3683954550	9959999999	9959999999	9479444550	5927473350	4800000049	5927473350	4400000049	4400000049
1001092007	3050576049	4100000049	4100000049	2452565750	1467100550	3800000049	1467100550	3500000049	3500000049
1001092010	7344000047	3000000049	3000000049	4997630048	8569700047	3200000049	8569700047	4200000049	4200000049
1001092013	1862664950	4300000049	4300000049	1098200047	2600000046	5900000049	2600000046	7300000049	7300000049
1001093001	4300384250	3600000049	3600000049	2191025050	3727505050	3700000049	3727505050	4100000049	4100000049
1001093004	2048249550	4200000049	4200000049	4035300850	3294815350	4200000049	3294815350	4000000049	4000000049
1001093007	1386088049	3700000049	3700000049	1200898050	6674520049	3400000049	6674520049	3100000049	3100000049
1001093010	1449900047	2900000049	2900000049	5821060048	1095460046	3100000049	1095460046	4000000049	4000000049
1001094001	7483400047	4300000049	4300000049	1183000048	9473490048	4600000049	9473490048	3000000049	3000000049
1001094004	4365236049	3000000049	3000000049	1123694350	1056747150	3400000049	1056747150	3300000049	3300000049
1001094007	7135347049	3100000049	3100000049	5563870049	3024429049	3400000049	3024429049	5100000049	5100000049
1001094010	6582360048	3100000049	3100000049	3320650048	2908000047	3400000049	2908000047	2900000049	2900000049
1001094013	1251700047	5800000049	5800000049	5521000046	2764000046	6600000049	2764000046	7200000049	7200000049
1001095001	8120000045	1000000050	1000000050	8120000045	4679000046	1000000050	4679000046	7900000049	7900000049
1001095004	3390000047	5800000049	5800000049	1710650048	3435390048	4400000049	3435390048	3500000049	3500000049
1001095007	4843850048	3700000049	3700000049	5051050048	6888810048	3700000049	6888810048	3000000049	3000000049
1001095010	5895350048	3600000049	3600000049	4003490048	1836720048	3800000049	1836720048	4300000049	4300000049
1001095013	1001060048	4800000049	4800000049	1330700047	1602000046	6800000049	1602000046	3200000049	3200000049
2001091001	1191699150	3400000049	3400000049	1355470750	7897161049	3500000049	7897161049	2300000049	2300000049
2001091004	8736514049	3200000049	3200000049	6284326049	2772930049	3100000049	2772930049	2300000049	2300000049
2001091007	1794688049	2900000049	2900000049	1132876049	6519700048	2900000049	6519700048	3100000049	3100000049
2001091010	2849920048	3400000049	3400000049	1219510048	4727400047	3900000049	4727400047	4600000049	4600000049
2001091013	3941000046	6800000049	6800000049	1051000046	1550000046	8100000049	1550000046	7800000049	7800000049
2001092001	9907059049	3300000049	3300000049	8316733049	1012633050	3200000049	1012633050	3300000049	3300000049
2001092004	5904756049	3100000049	3100000049	4268979049	4885301049	3000000049	4885301049	3000000049	3000000049
2001092007	2944775049	2900000049	2900000049	1507118049	8402170048	2900000049	8402170048	3000000049	3000000049
2001092010	2001450048	3600000049	3600000049	2997400047	8076000046	5000000049	8076000046	6200000049	6200000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
2001092013	1225600047	5800000049	2518000046	7300000049	2034000046	7500000049	2034000046	7500000049	
2001093001	1795724049	2900000049	1968838049	2900000049	2694875049	2900000049	2694875049	2900000049	
2001093004	3423110049	2900000049	1999728049	2900000049	6039660048	3100000049	6039660048	3100000049	
2001093007	2104040048	3600000049	1448910048	3800000049	1517980048	3800000049	1517980048	3800000049	
2001093010	7616700047	4300000049	1122100047	5900000049	2557030047	5200000049	2557030047	5200000049	
2001093013	7175000046	6300000049	2034000046	7500000049	2034000046	7500000049	2034000046	7500000049	
2001094001	2508240048	3500000049	4109140048	3200000049	6439910048	3100000049	6439910048	3100000049	
2001094004	4616600048	3200000049	4101690048	3200000049	2378600048	3500000049	2378600048	3500000049	
2001094007	1531020048	3800000049	5661700047	4500000049	5058200047	4600000049	5058200047	4600000049	
2001094010	3152300047	5000000049	8076000046	6200000049	8076000046	6200000049	8076000046	6200000049	
2001094013	6713000046	6300000049	7175000046	6300000049	6713000046	6300000049	6713000046	6300000049	
2001095001	1017700047	6000000049	1402200047	5700000049	2528700047	5200000049	2528700047	5200000049	
2001095004	8892300047	4200000049	2171840048	3600000049	1534890048	3800000049	1534890048	3800000049	
2001095007	7549700047	4300000049	4020300047	4800000049	4006200047	4800000049	4006200047	4800000049	
2001095010	1519900047	5600000049	3941000046	6800000049	3941000046	6800000049	3941000046	6800000049	
2001095013	5440000045	8800000049	5440000045	8800000049	2995000046	7100000049	2995000046	7100000049	
3001091001	1482890048	3600000049	9560140048	2900000049	1490410048	3600000049	1490410048	3600000049	
3001091004	9881700047	3800000049	3814700047	4500000049	2022800047	5000000049	2022800047	5000000049	
3001091007	7890000046	5800000049	1498300047	5300000049	7981800047	3900000049	7981800047	3900000049	
3001091010	3054000047	4700000049	8665000046	5700000049	8665000046	5700000049	8665000046	5700000049	
3001091013	8374000046	5800000049	4128000046	6400000049	3211000046	6600000049	3211000046	6600000049	
3001092001	1722343049	2900000049	1818880049	2900000049	1956448049	2900000049	1956448049	2900000049	
3001092004	1564123049	2900000049	1040913049	2900000049	5824340048	3000000049	5824340048	3000000049	
3001092007	3575830048	3100000049	2832260048	3200000049	1023410048	3800000049	1023410048	3800000049	
3001092010	4871900047	4300000049	9924000046	5600000049	5327000046	6200000049	5327000046	6200000049	
3001092013	1021000046	7800000049	4426000046	6300000049	3822000046	6500000049	3822000046	6500000049	
3001093001	7398870048	2900000049	1247182049	2900000049	1115888049	2900000049	1115888049	2900000049	
3001093004	5583610048	3000000049	5472530048	3000000049	2768640048	3200000049	2768640048	3200000049	
3001093007	3655550048	3100000049	2785770048	3200000049	2093460048	3400000049	2093460048	3400000049	
3001093010	5625900047	4200000049	4398800047	4400000049	3135900047	4600000049	3135900047	4600000049	
3001093013	1384300047	5300000049	7592000046	5800000049	1661000046	7300000049	1661000046	7300000049	
3001094001	8744000047	3900000049	9864600047	3800000049	2495200047	4800000049	2495200047	4800000049	
3001094004	3805800047	4500000049	1967000047	5000000049	4398800047	4400000049	4398800047	4400000049	
3001094007	1242000047	5400000049	7108000046	5900000049	8762000046	5700000049	8762000046	5700000049	
3001094010	5923000046	6100000049	4426000046	6300000049	1137000047	5500000049	1137000047	5500000049	
3001094013	5625000046	6100000049	9149000046	5700000049	3822000046	6500000049	3822000046	6500000049	
3001095001	8311100047	3900000049	7964700047	4000000049	7981800047	3900000049	7981800047	3900000049	
3001095004	5573000047	4200000049	1346300047	5300000049	1078800047	5500000049	1078800047	5500000049	
3001095007	5424000046	6200000049	4426000046	6300000049	4731000046	6300000049	4731000046	6300000049	

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
3001095010	3211000046	6600000049	6600000049	3580000045	8800000049	8800000049	6930000045	9999999999	9999999999
3001095013	3580000045	8800000049	8800000049	6451230048	9999999999	9999999999	5075410048	8100000049	8100000049
4001091001	6265570048	2900000049	2900000049	3022000047	4100000049	4100000049	1532880048	2900000049	2900000049
4001091004	4549920048	2900000049	2900000049	3684300047	3900000049	3900000049	1696500047	3100000049	3100000049
4001091007	6900000047	3500000049	3500000049	4620000045	7800000049	7800000049	1560000045	4500000049	4500000049
4001091010	2138000046	6300000049	6300000049	1560000045	8800000049	8800000049	3130000045	8800000049	8800000049
4001091013	1560000045	8800000049	8800000049	3272290048	2900000049	2900000049	3477630048	8100000049	8100000049
4001092001	2998490048	2900000049	2900000049	1997000046	6300000049	6300000049	3045130048	2900000049	2900000049
4001092004	4554020048	2900000049	2900000049	2479180048	3000000049	3000000049	1290810048	3200000049	3200000049
4001092007	3355520048	2900000049	2900000049	2411800047	4200000049	4200000049	2890800047	4100000049	4100000049
4001092010	7639100047	3500000049	3500000049	5573000046	5400000049	5400000049	2272000046	6200000049	6200000049
4001092013	8516000046	5100000049	5100000049	8928000047	3400000049	3400000049	8510800047	3400000049	3400000049
4001093001	5154300047	3700000049	3700000049	7450000045	7300000049	7300000049	7866300047	3500000049	3500000049
4001093004	1113340048	3300000049	3300000049	8567400047	3400000049	3400000049	1018490048	3300000049	3300000049
4001093007	1045320048	3300000049	3300000049	3136700047	4000000049	4000000049	2355900047	4300000049	4300000049
4001093010	6079700047	3600000049	3600000049	1007300047	4900000049	4900000049	6348000046	5300000049	5300000049
4001093013	1207000047	4800000049	4800000049	1182400047	4800000049	4800000049	1194300047	4800000049	4800000049
4001094001	9149000046	5000000049	5000000049	1512500047	4600000049	4600000049	1422300047	4600000049	4600000049
4001094004	1236100047	4800000049	4800000049	2536200047	4200000049	4200000049	1388800047	4700000049	4700000049
4001094007	2675000046	6100000049	6100000049	4746000046	5600000049	5600000049	7071000046	5200000049	5200000049
4001094010	7920000046	5100000049	5100000049	8940000045	7100000049	7100000049	6303000046	5300000049	5300000049
4001094013	9485000046	5000000049	5000000049	2267200047	4300000049	4300000049	9567000046	5000000049	5000000049
4001095001	2632300047	4200000049	4200000049	5789000046	5400000049	5400000049	2630000046	6100000049	6100000049
4001095004	1040800047	4900000049	4900000049	1587000046	6600000049	6600000049	8940000045	7100000049	7100000049
4001095007	7450000045	7300000049	7300000049	4620000045	7800000049	7800000049	1036000046	7000000049	7000000049
4001095010	6030000045	7500000049	7500000049	1036000046	7000000049	7000000049	7450000045	7300000049	7300000049
4001095013	3130000045	8100000049	8100000049	6319600047	5200000049	5200000049	4020300047	5700000049	5700000049
1003091001	1041370048	4600000049	4600000049	7283700047	5100000049	5100000049	2870000047	6000000049	6000000049
1003091004	5208700047	5400000049	5400000049	1706200047	6500000049	6500000049	1042300047	7000000049	7000000049
1003091007	1706200047	6500000049	6500000049	2638000046	8600000049	8600000049	1080000046	9600000049	9600000049
1003091010	8687000046	7200000049	7200000049	8120000045	1000000050	1000000050	2377000046	8700000049	8700000049
1003091013	8120000045	1000000050	1000000050	5606741049	3600000049	3600000049	4627250049	3500000049	3500000049
1003092001	5125791049	3600000049	3600000049	3056489049	3400000049	3400000049	2017610049	3400000049	3400000049
1003092004	3958948049	3500000049	3500000049	1097403049	3400000049	3400000049	9534730048	3500000049	3500000049
1003092007	1265801049	3400000049	3400000049	3848820048	3900000049	3900000049	1641810048	4400000049	4400000049
1003092010	5489220048	3700000049	3700000049	7689000046	7400000049	7400000049	1017700047	7100000049	7100000049
1003092013	1166000047	6900000049	6900000049	2259293250	4400000049	4400000049	2369906850	4400000049	4400000049
1003093001	2370388150	4400000049	4400000049	2031534950	4300000049	4300000049	1552876850	4100000049	4100000049
1003093004	2336587050	4400000049	4400000049						

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
1003093007	1315093050		4000000049	1120173250		3900000049	8981042049		3800000049
1003093010	6275378049		3600000049	4552625049		3500000049	1150563049		3400000049
1003093013	1210175049		3400000049	1016006049		3500000049	5609100048		3700000049
1003094001			5700000049			5800000049			5800000049
1003094004			5800000049			5900000049			5800000049
1003094007			5800000049			5800000049			5700000049
1003094010	5733750850		5200000049	3212188250		4700000049	1250621750		4000000049
1003094013	4345745049		3500000049	1585297049		3400000049	7003550048		3600000049
1003095001	4188400550		4900000049	4137143550		4900000049	5032201150		5100000049
1003095004	5699646550		5200000049	5848530750		5200000049	5859599350		5200000049
1003095007	5702111150		5200000049	4752828950		5000000049	4454685050		5000000049
1003095010	2595635550		4500000049	1279026350		4000000049	5931325049		3600000049
1003095013	1549676049		3400000049	4146840048		3800000049	1870990048		4300000049
2003091001	1296000046		9400000049	7900000045		1000000050	9842000046		7100000049
2003091004	5499000046		7700000049	3539000046		8200000049	1803000046		9000000049
2003091007	1043000046		9600000049	1043000046		9600000049	2049000046		8800000049
2003091010	2302000046		8700000049	7900000045		1000000050	2302000046		8700000049
2003091013	1550000046		9200000049	5290000045		1050000050	5290000045		1050000050
2003092001	1803000046		9000000049	4768000046		7900000049	2004200047		6300000049
2003092004	8643000046		7200000049	1199500047		6900000049	1271100047		6800000049
2003092007	9365000046		7100000049	7197000046		7400000049	3785000046		8100000049
2003092010	5744000046		7700000049	5744000046		7700000049	3785000046		8100000049
2003092013	1151900047		6900000049	2302000046		8700000049	7900000045		1000000050
2003093001	7699580048		3500000049	7314230048		3500000049	7714480048		3500000049
2003093004	7084090048		3600000049	6511960048		3600000049	5464480048		3700000049
2003093007	4845040048		3700000049	4337950048		3800000049	3166270048		4000000049
2003093010	2418230048		4100000049	1271810048		4600000049	5815900047		5300000049
2003093013	3865400047		5700000049	2004200047		6300000049	4142500047		5600000049
2003094001	1623058350		4200000049	1626463250		4200000049	1816406850		4300000049
2003094004	1725981450		4200000049	1720295150		4200000049	1712087550		4200000049
2003094007	1407132350		4100000049	1255010850		4000000049	1128365850		4000000049
2003094010	5238287049		3600000049	2425358049		3400000049	1142435049		3400000049
2003094013	5185160048		3700000049	3166270048		4000000049	2345740048		4100000049
2003095001	1706921049		3400000049	2201580049		3400000049	327889049		3400000049
2003095004	3955342049		3500000049	4891954049		3600000049	5310141049		3600000049
2003095007	5460016049		3600000049	4821353049		3500000049	4612021049		3500000049
2003095010	2924606049		3400000049	1610473049		3400000049	7056370048		3600000049
2003095013	2563000048		4100000049	7408900047		5100000049	4694600047		5500000049
3003091001	1185000046		9000000049	4269000046		7500000049	5700000046		7200000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
3003091004	2012000046	8400000049	8400000049	3785000046	7700000049	7700000049	3144000046	7900000049	7900000049
3003091007	2824000046	8000000049	8000000049	3785000046	7700000049	7700000049	2168000046	8300000049	8300000049
3003091010	2168000046	8300000049	8300000049	2496000046	8100000049	8100000049	2012000046	8400000049	8400000049
3003091013	1684000046	8600000049	8600000049	1520000046	8700000049	8700000049	8570000045	9400000049	9400000049
3003092001	3500000045	1050000050	1050000050	2012000046	8400000049	8400000049	2168000046	8300000049	8300000049
3003092004	1185000046	9000000049	9000000049	4902000046	7400000049	7400000049	3301000046	7800000049	7800000049
3003092007	2332000046	8200000049	8200000049	4105000046	7600000049	7600000049	6646000046	7000000049	7000000049
3003092010	2824000046	8000000049	8000000049	3949000046	7600000049	7600000049	2168000046	8300000049	8300000049
3003092013	1349000046	8800000049	8800000049	6850000045	9600000049	9600000049	8570000045	9400000049	9400000049
3003093001	1393110048	4200000049	4200000049	1435210048	4200000049	4200000049	1260640048	4300000049	4300000049
3003093004	9813900047	4500000049	4500000049	6584100047	4800000049	4800000049	4091100047	5200000049	5200000049
3003093007	3761900047	5600000049	5600000049	1213000047	6400000049	6400000049	6177000046	7100000049	7100000049
3003093010	3500000045	1050000050	1050000050	6850000045	9600000049	9600000049	1848000046	8500000049	8500000049
3003093013	2168000046	8300000049	8300000049	5220000045	1000000050	1000000050	3785000046	7700000049	7700000049
3003094001	5254067049	3800000049	3800000049	5024657049	3700000049	3700000049	5669795049	3800000049	3800000049
3003094004	6102905049	3800000049	3800000049	5795054049	3800000049	3800000049	5117007049	3800000049	3800000049
3003094007	4710495049	3700000049	3700000049	3943309049	3600000049	3600000049	3316559049	3600000049	3600000049
3003094010	1589142049	3400000049	3400000049	6988120048	3400000049	3400000049	2793820048	3800000049	3800000049
3003094013	9402600047	4500000049	4500000049	2731400047	5600000049	5600000049	2595000047	5600000049	5600000049
3003095001	1187700048	4300000049	4300000049	1419260048	4200000049	4200000049	2619700048	3800000049	3800000049
3003095004	3838610048	3600000049	3600000049	6282030048	3500000049	3500000049	8221720048	3400000049	3400000049
3003095007	9938180048	3400000049	3400000049	1117587049	3400000049	3400000049	8951950048	3400000049	3400000049
3003095010	5966570048	3500000049	3500000049	2356470048	3900000049	3900000049	7206200047	4700000049	4700000049
3003095013	4810800047	5100000049	5100000049	2198700047	5800000049	5800000049	9477000046	6700000049	6700000049
4003091001	4620000045	9200000049	9200000049	3870000045	9400000049	9400000049	4620000045	9200000049	9200000049
4003091004	3050000045	9600000049	9600000049	4620000045	9200000049	9200000049	3050000045	9600000049	9600000049
4003091007	4620000045	9200000049	9200000049	3870000045	9400000049	9400000049	3870000045	9400000049	9400000049
4003091010	3050000045	9600000049	9600000049	1560000045	1050000050	1050000050	1560000045	1050000050	1050000050
4003091013	6110000045	8800000049	8800000049	1560000045	1050000050	1050000050	3870000045	9400000049	9400000049
4003092001	6850000045	8700000049	8700000049	1200000046	8100000049	8100000049	5360000045	9000000049	9000000049
4003092004	3050000045	9600000049	9600000049	8340000045	8500000049	8500000049	6110000045	8800000049	8800000049
4003092007	1274000046	8000000049	8000000049	3870000045	9400000049	9400000049	9830000045	8300000049	8300000049
4003092010	1560000045	1050000050	1050000050	3870000045	9400000049	9400000049	5360000045	9000000049	9000000049
4003092013	3050000045	9600000049	9600000049	3870000045	9400000049	9400000049	3050000045	9600000049	9600000049
4003093001	5617140048	3400000049	3400000049	5338940048	3400000049	3400000049	4719790048	3400000049	3400000049
4003093004	4275660048	3400000049	3400000049	2578000046	7200000049	7200000049	2457950048	3500000049	3500000049
4003093007	1975300048	3600000049	3600000049	1095460048	3900000049	3900000049	7663700047	4100000049	4100000049
4003093010	2641200047	4900000049	4900000049	3144000046	7000000049	7000000049	9090000045	8400000049	8400000049
4003093013	7600000045	8600000049	8600000049	2310000045	1000000050	1000000050	6850000045	8700000049	8700000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
4003094001	3264700048	3400000049	4979000048	3400000049	6219370048	3400000049
4003094004	1162909049	3500000049	1468770049	3600000049	1853461049	3600000049
4003094007	2050005049	3700000049	2014317049	3700000049	1707815049	3600000049
4003094010	1109220049	3500000049	4027780048	3400000049	1744260048	3600000049
4003094013	2546600047	4900000049	9388000046	5900000049	3576000046	6900000049
4003095001	3050000045	9600000049	6850000045	8700000049	4620000045	9200000049
4003095004	4620000045	9200000049	1565000046	7800000049	4284000046	6700000049
4003095007	4992000046	6500000049	8553000047	6000000049	1495300047	5400000049
4003095010	4052400047	4500000049	6615400047	4200000049	8811800047	4000000049
4003095013	1101940048	3900000049	8525000047	4000000049	7028100047	4100000049
1004091001	1322867050	3400000049	1705116850	3600000049	1797914550	3600000049
1004091004	1564619750	3500000049	1310812750	3400000049	1066906750	3300000049
1004091007	9387352049	3300000049	9567402049	3300000049	7059008049	3100000049
1004091010	4517809049	3000000049	2821900049	2900000049	2301462049	2900000049
1004091013	1709871049	2900000049	1071282049	2900000049	8017790048	3000000049
1004092001	3223522050	4000000049	3334797950	4000000049	2978517150	3900000049
1004092004	2634868050	3900000049	2146713450	3700000049	2121575250	3700000049
1004092007	1894534450	3600000049	1340243250	3400000049	1416207850	3500000049
1004092010	9359412049	3300000049	4717775049	3000000049	6385744049	3100000049
1004092013	2833076049	2900000049	1916252049	2900000049	1182824049	2900000049
1004093001	4387151450	4200000049	3957980150	4100000049	3515501350	4100000049
1004093004	3347811850	4000000049	2813769950	3900000049	2386996950	3800000049
1004093007	2636959450	3900000049	2467127950	3800000049	2339675350	3800000049
1004093010	1920386450	3700000049	1556096250	3500000049	1049000850	3300000049
1004093013	9363025049	3300000049	7968202049	3200000049	6124057049	3100000049
1004094001	4078391250	4200000049	3396267450	4000000049	2928930550	3900000049
1004094004	2539688350	3800000049	1853419850	3600000049	1573364450	3500000049
1004094007	1241415750	3400000049	9150855049	3300000049	6574295049	3100000049
1004094010	6724805049	3100000049	6190203049	3100000049	6378375049	3100000049
1004094013	4823208049	3000000049	4056871049	3000000049	3283136049	2900000049
1004095001	2018244650	3700000049	2062407150	3700000049	1141408850	3400000049
1004095004	6664962049	3100000049	4406564049	3000000049	2356820049	2900000049
1004095007	1381211049	2900000049	1299284049	2900000049	1274943049	2900000049
1004095010	1434736049	2900000049	1444131049	2900000049	8634180048	3000000049
1004095013	7428820048	3000000049	5085170048	3200000049	4883260048	3200000049
2004091001	7070450048	3000000049	7759330048	3000000049	8774550048	3000000049
2004091004	8366330048	3000000049	6701200048	3100000049	6759170048	3100000049
2004091007	5711240048	3100000049	5091950048	3200000049	5220470048	3100000049
2004091010	3392400048	3300000049	2959520048	3400000049	2959520048	3400000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
2004091013	1887010048	3700000049	3700000049	2125800048	2125800048	3600000049	1667370048	1667370048	3700000049
2004092001	2037115049	2900000049	2900000049	2189726049	2189726049	2900000049	2436675049	2436675049	2900000049
2004092004	2672225049	2900000049	2900000049	2570003049	2570003049	2900000049	2622835049	2622835049	2900000049
2004092007	2195872049	2900000049	2900000049	2455696049	2455696049	2900000049	2234444049	2234444049	2900000049
2004092010	1788475049	2900000049	2900000049	1304895049	1304895049	2900000049	1303494049	1303494049	2900000049
2004092013	7892400048	3000000049	3000000049	7737730048	7737730048	3000000049	6965550048	6965550048	3000000049
2004093001	2450258049	2900000049	2900000049	2672225049	2672225049	2900000049	3210366049	3210366049	2900000049
2004093004	3295414049	2900000049	2900000049	3393374049	3393374049	2900000049	3112458049	3112458049	2900000049
2004093007	3522225049	2900000049	2900000049	3115810049	3115810049	2900000049	2675273049	2675273049	2900000049
2004093010	2727993049	2900000049	2900000049	2825193049	2825193049	2900000049	2196893049	2196893049	2900000049
2004093013	2068982049	2900000049	2900000049	1086220049	1086220049	2900000049	1402520049	1402520049	2900000049
2004094001	1899900048	3700000049	3700000049	2374720048	2374720048	3500000049	3837420048	3837420048	3300000049
2004094004	3915650048	3300000049	3300000049	3358650048	3358650048	3300000049	3061440048	3061440048	3400000049
2004094007	3441200048	3300000049	3300000049	3264770048	3264770048	3400000049	3833700048	3833700048	3300000049
2004094010	4105420048	3200000049	3200000049	4116520048	4116520048	3200000049	4097970048	4097970048	3200000049
2004094013	4893240048	3200000049	3200000049	5169060048	5169060048	3100000049	5999580048	5999580048	3100000049
2004095001	7455100047	4300000049	4300000049	8905700047	8905700047	4200000049	1344310048	1344310048	3900000049
2004095004	1082200048	4000000049	4000000049	1373070048	1373070048	3900000049	1084880048	1084880048	4000000049
2004095007	1252440048	3900000049	3900000049	1312790048	1312790048	3900000049	1222190048	1222190048	3900000049
2004095010	9119500047	4100000049	4100000049	1049040048	1049040048	4000000049	7387300047	7387300047	4300000049
2004095013	6887300047	4400000049	4400000049	2954900047	2954900047	5000000049	2400600047	2400600047	5200000049
3004091001	8942900047	3900000049	3900000049	8554000047	8554000047	3900000049	8934000047	8934000047	3900000049
3004091004	8172500047	3900000049	3900000049	8657600047	8657600047	3900000049	9340000047	9340000047	3800000049
3004091007	9287900047	3800000049	3800000049	8077200047	8077200047	3900000049	5263100047	5263100047	4200000049
3004091010	6874700047	4100000049	4100000049	4880900047	4880900047	4300000049	2889300047	2889300047	4700000049
3004091013	1714400047	5100000049	5100000049	1658500047	1658500047	5200000049	8956000046	8956000046	5700000049
3004092001	2917800048	3200000049	3200000049	3032390048	3032390048	3200000049	4107950048	4107950048	3100000049
3004092004	3561300048	3100000049	3100000049	4079120048	4079120048	3100000049	5781950048	5781950048	3000000049
3004092007	5287900048	3000000049	3000000049	3689300048	3689300048	3100000049	2668200048	2668200048	3300000049
3004092010	3491190048	3100000049	3100000049	2118350048	2118350048	3400000049	1689270048	1689270048	3500000049
3004092013	1239330048	3700000049	3700000049	1766980048	1766980048	3500000049	4255800047	4255800047	4400000049
3004093001	5463060048	3000000049	3000000049	6901850048	6901850048	2900000049	8024280048	8024280048	2900000049
3004093004	8003340048	2900000049	2900000049	1085065049	1085065049	2900000049	9240210048	9240210048	2900000049
3004093007	8480620048	2900000049	2900000049	8972730048	8972730048	2900000049	9564680048	9564680048	2900000049
3004093010	9962170048	2900000049	2900000049	8667930048	8667930048	2900000049	8026580048	8026580048	2900000049
3004093013	7175060048	2900000049	2900000049	5902000048	5902000048	3000000049	4791470048	4791470048	3000000049
3004094001	7101900047	4000000049	4000000049	9167200047	9167200047	3900000049	7233000047	7233000047	4000000049
3004094004	9046500047	3900000049	3900000049	7268000047	7268000047	4000000049	9555400047	9555400047	3800000049
3004094007	1062830048	3800000049	3800000049	1045690048	1045690048	3800000049	1181510048	1181510048	3700000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
3004094010	1076530048		3800000049	9150100047		3900000049	1448320048		3600000049
3004094013	1113270048		3700000049			9999999999	1343640048		3600000049
3004095001	9924000046		5600000049	2834200047		4700000049	2825300047		4700000049
3004095004	7793000046		5800000049	2060100047		5000000049	2078700047		5000000049
3004095007	2208400047		4900000049	2504100047		4800000049	3715600047		4500000049
3004095010	9827000046		5600000049	1440900047		5300000049	1563900047		5200000049
3004095013	1742700047		5100000049	1260600047		5400000049	1203300047		5400000049
4004091001	6030000045		7500000049			9999999999			9999999999
4004091004	6030000045		7500000049			9999999999			9999999999
4004091007	3130000045		8100000049			9999999999			9999999999
4004091010	4620000045		7800000049			9999999999			9999999999
4004091013	4620000045		7800000049			9999999999			9999999999
4004092001	5181100047		3700000049	4755700047		3800000049	5369600047		3700000049
4004092004	4681900047		3800000049	1453000046		6600000049	6244300047		3600000049
4004092007	5003800047		3700000049	5142400047		3700000049	4161100047		3900000049
4004092010	4868200047		3800000049	4332500047		3800000049	4449500047		3800000049
4004092013	2484000047		4200000049	3813200047		3900000049	1863000046		6400000049
4004093001	1417620048		3200000049	2040710048		3000000049	2046080048		3000000049
4004093004	2361390048		3000000049	2001200047		4400000049	2338810048		3000000049
4004093007	2553980048		3000000049	2580660048		3000000049	2675580048		3000000049
4004093010	2962500048		2900000049	2549660048		3000000049	2698970048		3000000049
4004093013	2571050048		3000000049	1814290048		3100000049	2490950048		3000000049
4004094001	8516000046		5100000049	1610800047		4500000049	2138300047		4300000049
4004094004	1737500047		4500000049	2186700047		4300000049	1463300047		4600000049
4004094007	2118200047		4300000049	2319400047		4300000049	1073600047		4900000049
4004094010	2480300047		4200000049	2098100047		4300000049	8978000046		5000000049
4004094013	1581800047		4600000049	1368700047		4700000049	1376900047		4700000049
4004095001	6890000046		5200000049	7622000046		5200000049	1069900047		4900000049
4004095004	1153300047		4800000049	6899000046		5200000049	6646000046		5300000049
4004095007	1073600047		4900000049	7495000046		5200000049	2988000046		6000000049
4004095010	1119800047		4800000049	7324000046		5200000049	7369000046		5200000049
4004095013	2854000046		6000000049	2675000046		6100000049	4791000046		5600000049
1005091001	1098200047		5900000049	2318600047		5300000049	2288000047		5300000049
1005091004	4930000047		4600000049	4141800047		4800000049	3098000047		5000000049
1005091007	3010800047		5000000049	2051100047		5400000049	9440000046		6100000049
1005091010	1251700047		5800000049	1221100047		5800000049	7883000046		6200000049
1005091013	3584000046		7000000049	3584000046		7000000049	2101000046		7500000049
1005092001	5998000046		6500000049	9753000046		6000000049	1129500047		5900000049
1005092004	8694100047		4200000049	4155900047		4800000049	2274700047		5300000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
1005092007	5015700047	4600000049	4012100047	4800000049	1887200047	5400000049
1005092010	1856700047	5500000049	1312800047	5800000049	5037000046	6600000049
1005092013	5521000046	6600000049	5037000046	6600000049	7413000046	6300000049
1005093001	1106410048	4000000049	1378800048	3900000049	1848040048	3700000049
1005093004	1648590048	3800000049	1063040048	4100000049	3448100047	4900000049
1005093007	9428000047	4100000049	5570100047	4500000049	9331100047	4200000049
1005093010	2981000047	5000000049	1751600047	5500000049	2051100047	5400000049
1005093013	6154000046	6500000049	2101000046	7500000049	1088000046	8100000049
1005094001	7257991350	4600000049	6544078950	4500000049	5899064250	4400000049
1005094004	5073554850	4300000049	4731706550	4300000049	3862584450	4100000049
1005094007	2570881750	3800000049	1844842050	3600000049	1080717950	3300000049
1005094010	4100747049	3000000049	1032382049	2900000049	1273010048	3900000049
1005094013	3954800047	4800000049	1887200047	5400000049	3099000046	7100000049
1005095001		5000000049		5000000049		5000000049
1005095004		4900000049		4900000049	9651222850	4800000049
1005095007	6982499450	4600000049	6040164850	4500000049	4691426550	4300000049
1005095010	2264452050	3800000049	8775242049	3200000049	2972908049	2900000049
1005095013	7178410048	3000000049	1765190048	3700000049	1176220048	4000000049
2005091001	2034000046	7500000049		9999999999		9999999999
2005091004	2995000046	7100000049		9999999999		9999999999
2005091007	2518000046	7300000049		9999999999		9999999999
2005091010	3941000046	6800000049		9999999999		9999999999
2005091013	2034000046	7500000049		9999999999		9999999999
2005092001	5335000046	6600000049	2034000046	7500000049	4411000046	6700000049
2005092004		9999999999	2034000046	7500000049		9999999999
2005092007		9999999999	3941000046	6800000049		9999999999
2005092010		9999999999	6258000046	6400000049	5440000045	8800000049
2005092013	8076000046	6200000049	3941000046	6800000049	3472000046	7000000049
2005093001	2034000046	7500000049	2034000046	7500000049	2841700047	5100000049
2005093004	2300000047	5200000049	1166800047	5800000049	2443000047	5200000049
2005093007	1752400047	5500000049	2099600047	5300000049	9581000046	6000000049
2005093010	1607100047	5600000049	1839500047	5400000049	6869000046	6300000049
2005093013	8531000046	6100000049	2995000046	7100000049	4873000046	6600000049
2005094001	1276135049	2900000049	1315407049	2900000049	1324169049	2900000049
2005094004	1015693049	2900000049	6210880048	3100000049	4342870048	3200000049
2005094007	2527310048	3500000049	1323000048	3900000049	8020500047	4200000049
2005094010	3208200047	5000000049	4034500047	4800000049	6258000046	6400000049
2005094013	1446200047	5600000049	8985000046	6100000049	6258000046	6400000049
2005095001	1268819750	3400000049	1408396750	3500000049	1513302350	3500000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
4005093001	1907000046	6400000049	6400000049	2272000046	6200000049	6200000049	4620000045	7800000049	7800000049
4005093004	1036000046	7000000049	7000000049	4620000045	7800000049	7800000049	8940000045	7100000049	7100000049
4005093007	1863000046	6400000049	6400000049	8940000045	8100000049	8100000049	1453000046	6600000049	6600000049
4005093010	2719000046	6100000049	6100000049	3130000045	8100000049	8100000049		9999999999	9999999999
4005093013	6030000045	7500000049	7500000049	3130000045	8100000049	8100000049	2809000046	6000000049	6000000049
4005094001	7450000045	7300000049	7300000049	2541000046	6100000049	6100000049	1036000046	7000000049	7000000049
4005094004	3695000046	5800000049	5800000049	4269000046	5700000049	5700000049	4314000046	5600000049	5600000049
4005094007	1356000046	6700000049	6700000049	1587000046	6600000049	6600000049	3130000045	8100000049	8100000049
4005094010	7450000045	7300000049	7300000049	7450000045	7300000049	7300000049	6030000045	7500000049	7500000049
4005094013	1170000046	6800000049	6800000049	3130000045	8100000049	8100000049	1170000046	6800000049	6800000049
4005095001	9713620048	2900000049	2900000049	9279770048	2900000049	2900000049	1490265049	3000000049	3000000049
4005095004	1072258049	3000000049	3000000049	1103632049	3000000049	3000000049	1081094049	3000000049	3000000049
4005095007	1460634049	3000000049	3000000049	7460640048	2900000049	2900000049	4247500048	2900000049	2900000049
4005095010	1164450048	3300000049	3300000049	6773000046	5300000049	5300000049	8940000045	7100000049	7100000049
4005095013	6030000045	7500000049	7500000049	3130000045	8100000049	8100000049	2407000046	6200000049	6200000049
1006091001	4487790049	3000000049	3000000049	4987925049	3000000049	3000000049	4641518049	3000000049	3000000049
1006091004	4719138049	3000000049	3000000049	3818206049	3000000049	3000000049	4014343049	3000000049	3000000049
1006091007	3818549049	3000000049	3000000049	1510508049	2900000049	2900000049	2435334049	2900000049	2900000049
1006091010	1631707049	2900000049	2900000049	9613630048	3000000049	3000000049	4806970048	3200000049	3200000049
1006091013	3978610048	3300000049	3300000049	1636520048	3800000049	3800000049	1046060048	4100000049	4100000049
1006092001	1866822750	3600000049	3600000049	1924476050	3700000049	3700000049	2203182150	3700000049	3700000049
1006092004	1814041350	3600000049	3600000049	1717459450	3600000049	3600000049	1608544650	3500000049	3500000049
1006092007	1456556550	3500000049	3500000049	1563273450	3500000049	3500000049	1463854350	3500000049	3500000049
1006092010	1176925750	3400000049	3400000049	1051420050	3300000049	3300000049	7198997049	3200000049	3200000049
1006092013	4474148049	3000000049	3000000049	3277943049	2900000049	2900000049	2780333049	2900000049	2900000049
1006093001	9041138049	3800000049	3800000049	1020229650	3900000049	3900000049	1124980350	3900000049	3900000049
1006093004	1037885250	3900000049	3900000049	1022670450	3900000049	3900000049	5174898049	3600000049	3600000049
1006093007	9979889049	3900000049	3900000049	9934120049	3900000049	3900000049	9031877049	3800000049	3800000049
1006093010	6573245049	3700000049	3700000049	5253449049	3600000049	3600000049	5112201049	3600000049	3600000049
1006093013	3436163049	3400000049	3400000049	2294548049	3400000049	3400000049	1858771049	3400000049	3400000049
1006094001	1155469650	4000000049	4000000049	1421956750	4100000049	4100000049	1144450250	3900000049	3900000049
1006094004	1323708950	4000000049	4000000049	1832572450	4300000049	4300000049	1562872550	4100000049	4100000049
1006094007	1332017050	4000000049	4000000049	1737552150	4200000049	4200000049	1384970550	4100000049	4100000049
1006094010	1139154350	3900000049	3900000049	8329764049	3800000049	3800000049	5539596049	3600000049	3600000049
1006094013	3982730049	3500000049	3500000049	3106929049	3400000049	3400000049		9999999999	9999999999
1006095001	2103661050	4400000049	4400000049	2356796750	4400000049	4400000049	2480459250	4500000049	4500000049
1006095004	2424629050	4500000049	4500000049	2536514450	4500000049	4500000049	2278563350	4400000049	4400000049
1006095007	2092217750	4400000049	4400000049	2085540450	4400000049	4400000049	1993502750	4300000049	4300000049
1006095010	1413743950	4100000049	4100000049	9694912049	3900000049	3900000049	8374929049	3800000049	3800000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
1006095013	5885519049	36000000049	3217265049	34000000049	2719119049	34000000049
2006091001	5099200047	46000000049	7252400047	43000000049	5785400047	45000000049
2006091004	9786300047	41000000049	5497800047	45000000049	8195600047	42000000049
2006091007	9173200047	41000000049	5702700047	45000000049	5044800047	46000000049
2006091010	3699200047	48000000049	2142800047	53000000049	2285800047	52000000049
2006091013	1388000047	57000000049	2518000046	73000000049	2518000046	73000000049
2006092001	1395180049	29000000049	1315057049	29000000049	1701415049	29000000049
2006092004	1959912049	29000000049	1363374049	29000000049	2067611049	29000000049
2006092007	1913518049	29000000049	1947202049	29000000049	1898035049	29000000049
2006092010	1613781049	29000000049	1641169049	29000000049	1731493049	29000000049
2006092013	1510255049	29000000049	1068167049	29000000049	8291010048	30000000049
2006093001	8631420048	30000000049	8344800048	30000000049	9003280048	30000000049
2006093004	8291010048	30000000049	8756670048	30000000049	7669330048	30000000049
2006093007	1018889049	29000000049	9570270048	30000000049	1011789049	29000000049
2006093010	7164400048	30000000049	1165681049	29000000049	7777360048	30000000049
2006093013	1169913049	29000000049	1136523049	29000000049	1038752049	29000000049
2006094001	1709715049	29000000049	1585677049	29000000049	2152815049	29000000049
2006094004	1971245049	29000000049	1679614049	29000000049	2150081049	29000000049
2006094007	2306037049	29000000049	2109036049	29000000049	2113827049	29000000049
2006094010	1366526049	29000000049	1735985049	29000000049	1080908049	29000000049
2006094013	1323819049	29000000049	1247339049	29000000049	8971100048	30000000049
2006095001	1407120048	38000000049	2527310048	35000000049	2534910048	35000000049
2006095004	3140570048	34000000049	3343600048	33000000049	3643330048	33000000049
2006095007	2755220048	34000000049	3647060048	33000000049	4224180048	32000000049
2006095010	4646180048	32000000049	5209450048	31000000049	3774020048	33000000049
2006095013	4502010048	32000000049	3133040048	34000000049	3155620048	34000000049
3006091001	2041500047	50000000049	3824400047	45000000049	2779800047	47000000049
3006091004	4960600047	43000000049	3172500047	46000000049	1478900047	53000000049
3006091007	6221000046	60000000049	9052000046	57000000049	1155600047	55000000049
3006091010	3517000046	66000000049	2287000046	70000000049	1661000046	73000000049
3006091013	1661000046	73000000049	5930000045	81000000049	1021000046	78000000049
3006092001	2488870048	33000000049	2885980048	32000000049	3098100048	32000000049
3006092004	3653090048	31000000049	3650710048	31000000049	4874770048	30000000049
3006092007	5375520048	30000000049	5970450048	30000000049	6941560048	29000000049
3006092010	5833800048	30000000049	5725320048	30000000049	5465450048	30000000049
3006092013	5034060048	30000000049	4342790048	31000000049	3168660048	32000000049
3006093001	1736880048	35000000049	1284330048	36000000049	2262000048	33000000049
3006093004	2296570048	33000000049	2244640048	33000000049	2286660048	33000000049
3006093007	2036390048	34000000049	2299030048	33000000049	2108370048	34000000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
3006093010	1991610048	3400000049	3241600048	2655980048	3200000049	3300000049			
3006093013	3051910048	3200000049	3156510048	2771090048	3200000049	3200000049			
3006094001	3099400047	4700000049	9357200047	1031980048	3800000049	3800000049			
3006094004	1300420048	3600000049	1462620048	1906900048	3600000049	3400000049			
3006094007	2345960048	3300000049	3029930048	3416170048	3200000049	3100000049			
3006094010	3100560048	3200000049	3768880048	4337950048	3100000049	3100000049			
3006094013	3942180048	3100000049	4889070048	2907960048	3000000049	3200000049			
3006095001	5029000046	6200000049	1117600047	2762000046	5500000049	5700000049			
3006095004	1184600047	5500000049	6512000046	3517000046	6000000049	6600000049			
3006095007	5029000046	6200000049	1995300047	1088500047	5000000049	5500000049			
3006095010	7495000046	5900000049	4128000046	3517000046	6400000049	6600000049			
3006095013	1021000046	7800000049	5029000046	3517000046	6200000049	6600000049			
4006091001	7832000047	3500000049	8364000047	7843200047	3400000049	3500000049			
4006091004	6705500047	3600000049	7230000047	7037100047	3500000049	3500000049			
4006091007	4199900047	3800000049	6568400047	3770000047	3600000049	3900000049			
4006091010	3664200047	3900000049	2259800047	1815000047	4300000049	4400000049			
4006091013	1347800047	4700000049	1455100047	6385000046	4600000049	5300000049			
4006092001	9478600047	3400000049	9534500047	1685200048	3400000049	3100000049			
4006092004	1113340048	3300000049	8009000046	1834930048	5100000049	3100000049			
4006092007	2195980048	3000000049	1966130048	2216400048	3100000049	3000000049			
4006092010	2329200048	3000000049	2337770048	1884850048	3000000049	3100000049			
4006092013	1679360048	3100000049	1499950048	5394000046	3200000049	5400000049			
4006093001	3247000047	4000000049	1815000047	4169300047	4400000049	3900000049			
4006093004	4930000047	3700000049	4962000046	5146100047	5500000049	3700000049			
4006093007	8600900047	3400000049	9602300047	9983000047	3400000049	3300000049			
4006093010	1176670048	3300000049	9747600047	1664090048	3400000049	3100000049			
4006093013	1735990048	3100000049	1287460048	1550390048	3200000049	3100000049			
4006094001	4620000045	7800000049	1587000046	1997000046	6600000049	6300000049			
4006094004	1036000046	7000000049	2451000046	1453000046	6200000049	6600000049			
4006094007	3695000046	5800000049	1587000046	2541000046	6600000049	6100000049			
4006094010	3524000046	5800000049	3561000046	2272000046	5800000049	6200000049			
4006094013	1380600047	4700000049	1388800047	1203300047	4700000049	4800000049			
4006095001	1453000046	6600000049	4008000046	5700000046	5700000049	5400000049			
4006095004	2630000046	6100000049	3606000046	3077000046	5800000049	5900000049			
4006095007	1863000046	6400000049	3301000046	2407000046	5900000049	6200000049			
4006095010	6030000045	7500000049	1453000046	8940000045	6600000049	7100000049			
4006095013	1587000046	6600000049	1036000046	6030000045	7000000049	7500000049			
1007091001	212923050	4400000049	2585537750	2361588250	4500000049	4400000049			
1007091004	1702389150	4200000049	7250726049	3016204049	3700000049	3400000049			

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
1007091007	1013823049	35000000049	4041570048	7932600047	38000000049	50000000049	7932600047	38000000049	50000000049
1007091010	2507900047	61000000049	2845400047	2123000046	60000000049	88000000049	2123000046	60000000049	88000000049
1007091013	4172000046	81000000049	1341000046	6437000046	94000000049	76000000049	6437000046	94000000049	76000000049
1007092001	3088321550	47000000049	2728484650	1873979750	46000000049	43000000049	1873979750	46000000049	43000000049
1007092004	1618637150	42000000049	8881815049	3448203049	38000000049	34000000049	3448203049	38000000049	34000000049
1007092007	1811050049	34000000049	1101762049	4990920048	34000000049	37000000049	4990920048	34000000049	37000000049
1007092010	8143500047	50000000049	2709000047	1170000046	60000000049	96000000049	1170000046	60000000049	96000000049
1007092013	4172000046	81000000049	8352000046	2123000046	73000000049	88000000049	2123000046	73000000049	88000000049
1007093001	9085840050	56000000049	7835131950	6977346550	55000000049	54000000049	6977346550	55000000049	54000000049
1007093004	4781774450	50000000049	2929790350	1425980850	46000000049	41000000049	1425980850	46000000049	41000000049
1007093007	4905574049	35000000049	1557231049	3738850048	34000000049	39000000049	3738850048	34000000049	39000000049
1007093010	1237760048	46000000049	7721800047	1901400047	50000000049	64000000049	1901400047	50000000049	64000000049
1007093013	1009600047	71000000049	1182400047	4172000046	69000000049	81000000049	4172000046	69000000049	81000000049
1007094001		60000000049		9975837950	59000000049	57000000049	9975837950	59000000049	57000000049
1007094004		59000000049	8789887350	6038540650	56000000049	52000000049	6038540650	56000000049	52000000049
1007094007	2750126350	46000000049	9624451049	3125146049	38000000049	34000000049	3125146049	38000000049	34000000049
1007094010	1510750048	45000000049	5705700047	3542000047	53000000049	58000000049	3542000047	53000000049	58000000049
1007094013	1852200047	64000000049	4426000046	4932000046	80000000049	75000000049	4932000046	80000000049	75000000049
1007095001	6497331050	53000000049	5186080250	8587987750	51000000049	56000000049	8587987750	51000000049	56000000049
1007095004	9178296550	56000000049	9152971250	7522458650	56000000049	54000000049	7522458650	56000000049	54000000049
1007095007	4904094350	50000000049	3410524150	1872204250	47000000049	43000000049	1872204250	47000000049	43000000049
1007095010	2137579049	34000000049	5273600048	3773000047	37000000049	57000000049	3773000047	37000000049	57000000049
1007095013	1901400047	64000000049	1289700047		68000000049	9999999999			
2007091001	2599135049	29000000049	1555808049	1504682049	29000000049	29000000049	1504682049	29000000049	29000000049
2007091004	1298584049	29000000049	6083400048	4790050048	31000000049	32000000049	4790050048	31000000049	32000000049
2007091007	3414900048	33000000049	1859960048	1074300048	37000000049	40000000049	1074300048	37000000049	40000000049
2007091010	8168800047	42000000049	5867300047	1299400047	45000000049	57000000049	1299400047	45000000049	57000000049
2007091013	2034000046	75000000049	2995000046	5440000045	71000000049	88000000049	5440000045	71000000049	88000000049
2007092001	1831233049	29000000049	2213627049	1575954049	29000000049	29000000049	1575954049	29000000049	29000000049
2007092004	1159690049	29000000049	8147510048	4885870048	30000000049	32000000049	4885870048	30000000049	32000000049
2007092007	2819600048	34000000049	1684200048	1290520048	37000000049	39000000049	1290520048	37000000049	39000000049
2007092010	5798800047	45000000049	6425400047	2400600047	44000000049	52000000049	2400600047	44000000049	52000000049
2007092013	5797000046	65000000049	3472000046	1051000046	70000000049	81000000049	1051000046	70000000049	81000000049
2007093001	2611324049	29000000049	2630278049	1979142049	29000000049	29000000049	1979142049	29000000049	29000000049
2007093004	1387849049	29000000049	6936640048	3219620048	30000000049	34000000049	3219620048	30000000049	34000000049
2007093007	1493250048	38000000049	5497800047	3936900047	45000000049	48000000049	3936900047	45000000049	48000000049
2007093010	2727700047	51000000049	1796300047	1002800047	55000000049	60000000049	1002800047	55000000049	60000000049
2007093013	8531000046	61000000049	1738200047	4411000046	55000000049	67000000049	4411000046	55000000049	67000000049
2007094001	1813463150	36000000049	1772595950	1661733550	36000000049	36000000049	1661733550	36000000049	36000000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
2007094004	1279760950	3400000049	6844126049	31000000049	3061764049	29000000049			29000000049
2007094007	1214638049	2900000049	4963200048	32000000049	2428220048	35000000049			35000000049
2007094010	8235900047	4200000049	7980300047	42000000049	6724100047	44000000049			44000000049
2007094013	2756700047	5100000049	2414700047	52000000049	4076200047	48000000049			48000000049
2007095001	9676136049	3300000049	1273446550	34000000049	1441159850	35000000049			35000000049
2007095004	1474134650	3500000049	1180112450	34000000049	6109610049	31000000049			31000000049
2007095007	2330899049	2900000049	7081260048	30000000049	2508240048	35000000049			35000000049
2007095010	1521930048	3800000049	1231360048	39000000049	1066330048	40000000049			40000000049
2007095013	4685700047	4700000049	5058200047	46000000049	5346500047	45000000049			45000000049
3007091001	6137800047	4100000049	5546200047	42000000049	3752100047	45000000049			45000000049
3007091004	2254200047	4900000049	6907000046	59000000049	4925000046	62000000049			62000000049
3007091007	1125000046	7700000049	1341000046	75000000049	6512000046	60000000049			60000000049
3007091010		9999999999	1974000046	71000000049	2287000046	70000000049			70000000049
3007091013	1021000046	7800000049	1661000046	73000000049	3580000045	88000000049			88000000049
3007092001	1671690048	3500000049	1889470048	34000000049	1354590048	36000000049			36000000049
3007092004	6770100047	3900000049	3544200047	45000000049	1920800047	50000000049			50000000049
3007092007	1336600047	5300000049	8278000046	58000000049	6117000046	60000000049			60000000049
3007092010	2600000046	6800000049	3517000046	66000000049	6930000045	81000000049			81000000049
3007092013	4426000046	6300000049	6930000045	81000000049	1021000046	78000000049			78000000049
3007093001	5824340048	3000000049	4777160048	30000000049	4643720048	30000000049			30000000049
3007093004	2702550048	3200000049	1535860048	35000000049	9012200047	39000000049			39000000049
3007093007	3080800047	4700000049	1929700047	50000000049	1040800047	56000000049			56000000049
3007093010	1137000047	5500000049	1155600047	55000000049	2600000046	68000000049			68000000049
3007093013	9634000046	5600000049	3211000046	66000000049	1974000046	71000000049			71000000049
3007094001	7722380048	2900000049	7963930048	29000000049	5833800048	30000000049			30000000049
3007094004	3491190048	3100000049	2063740048	34000000049	1115800048	37000000049			37000000049
3007094007	4595500047	3000000049	2411800047	49000000049	3616500047	45000000049			45000000049
3007094010	3417600047	4600000049	2660600047	48000000049	3035400047	47000000049			47000000049
3007094013	2550300047	4800000049	1873800047	51000000049	9634000046	56000000049			56000000049
3007095001	6061643049	3300000049	5817875049	33000000049	4012920049	31000000049			31000000049
3007095004	1781456049	2900000049	2108119049	29000000049	1426734049	29000000049			29000000049
3007095007	6224510048	3000000049	3129770048	32000000049	1317340048	36000000049			36000000049
3007095010	1808300047	5100000049	1450600047	53000000049	2004200047	50000000049			50000000049
3007095013	4613400047	4300000049	1658500047	52000000049	4336200047	44000000049			44000000049
4007091001	4620000045	7800000049	5070000045	77000000049	1311000046	67000000049			67000000049
4007091004	4100000045	7900000049	1560000045	88000000049	8420000045	72000000049			72000000049
4007091007	7970000045	7200000049	2610000045	83000000049	3580000045	80000000049			80000000049
4007091010	4620000045	7800000049	4620000045	78000000049	2610000045	83000000049			83000000049
4007091013	1560000045	8800000049	4620000045	78000000049	4100000045	79000000049			79000000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
4007092001	7970000045	7200000049	7200000049	1863000046	6400000049	6400000049	1222000046	6800000049	6800000049
4007092004	2094000046	6300000049	6300000049	7000000045	7300000049	7300000049	6030000045	7500000049	7500000049
4007092007	4100000045	7900000049	7900000049	4100000045	7900000049	7900000049	1587000046	6600000049	6600000049
4007092010	6030000045	7500000049	7500000049	1587000046	6200000049	6200000049	5590000045	7600000049	7600000049
4007092013	6030000045	7500000049	7500000049	1818000046	6400000049	6400000049	7450000045	7300000049	7300000049
4007093001	2069800047	4300000049	4300000049	2906500047	4100000049	4100000049	2823000047	4100000049	4100000049
4007093004	2061600047	4400000049	4400000049	1997000046	6300000049	6300000049	1952800047	4400000049	4400000049
4007093007	1549000047	4600000049	4600000049	1318800047	4700000049	4700000049	7711000046	5100000049	5100000049
4007093010	2854000046	6000000049	6000000049	4269000046	5700000049	5700000049	6560000045	7400000049	7400000049
4007093013	1587000046	6600000049	6600000049	1036000046	7000000049	7000000049	3964000046	5700000049	5700000049
4007094001	1413230048	3200000049	3200000049	1686960048	3100000049	3100000049	1236570048	3200000049	3200000049
4007094004	9938300047	3300000049	3300000049	8364000047	3400000049	3400000049	5146100047	3700000049	3700000049
4007094007	3969700047	3900000049	3900000049	2504000047	4200000049	4200000049	1302400047	4700000049	4700000049
4007094010	4441000045	5600000049	5600000049	1311000046	6700000049	6700000049	5590000045	5800000049	5800000049
4007094013	1170000046	6800000049	6800000049	1729000046	6500000049	6500000049	3606000046	5800000049	5800000049
4007095001	3655110048	2900000049	2900000049	3239590048	2900000049	2900000049	4592390048	2900000049	2900000049
4007095004	5039270048	2900000049	2900000049	5851460048	2900000049	2900000049	6060230048	2900000049	2900000049
4007095007	9134560048	2900000049	2900000049	9080470048	2900000049	2900000049	9245720048	2900000049	2900000049
4007095010	6009200048	2900000049	2900000049	2278760048	3000000049	3000000049	4620100047	3800000049	3800000049
4007095013	1069900047	4900000049	4900000049	6646000046	5300000049	5300000049	1372400047	4700000049	4700000049
1008091004	1021500047	6000000049	6000000049	4560000046	6700000049	6700000049	1525900047	5600000049	5600000049
1008091007	1480400047	5700000049	5700000049	9283000046	6100000049	6100000049	1251700047	5800000049	5800000049
1008091010	7883000046	6200000049	6200000049	7413000046	6300000049	6300000049	1388800047	5700000049	5700000049
1008091013	3584000046	7000000049	7000000049	2600000046	7300000049	7300000049	2600000046	7300000049	7300000049
1008092001	7883000046	6200000049	6200000049	3099000046	7100000049	7100000049	4075000046	6800000049	6800000049
1008092004	1991500047	5400000049	5400000049	6467000046	6400000049	6400000049	2570400047	5200000049	5200000049
1008092007	2570400047	5200000049	5200000049	2908000047	5100000049	5100000049	1052000047	6000000049	6000000049
1008092010	1021500047	6000000049	6000000049	2422200047	5200000049	5200000049	1601100047	5600000049	5600000049
1008092013	9283000046	6100000049	6100000049	2600000046	7300000049	7300000049	9753000046	6000000049	6000000049
1008093001	5521000046	6600000049	6600000049	9283000046	6100000049	6100000049	4075000046	6800000049	6800000049
1008093004	7980540048	3000000049	3000000049	7783250048	3000000049	3000000049	8307700048	3000000049	3000000049
1008093007	9056180048	3000000049	3000000049	7499830048	3000000049	3000000049	5658420048	3100000049	3100000049
1008093010	3932340048	3300000049	3300000049	3878400048	3300000049	3300000049	1994670048	3600000049	3600000049
1008093013	7049700047	4400000049	4400000049	3752100047	4900000049	4900000049	1388800047	5700000049	5700000049
1008094001	1160100047	5900000049	5900000049	8821000046	6100000049	6100000049	6467000046	6400000049	6400000049
1008094004	2529462450	3800000049	3800000049	2289792150	3800000049	3800000049	2343536950	3800000049	3800000049
1008094007	2748813550	3900000049	3900000049	2664134750	3900000049	3900000049	2351102250	3800000049	3800000049
1008094010	1949325250	3700000049	3700000049	2003280150	3700000049	3700000049	1626327650	3600000049	3600000049
	1274421850	3400000049	3400000049	7367462049	3200000049	3200000049	4948556049	3000000049	3000000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
1008094013	3039047049	2900000049	1673676049	2900000049	1055144049	2900000049
1008095001	8904244850	4800000049	9912562450	4800000049		4900000049
1008095004		4900000049		5000000049	9671715650	4800000049
1008095007	9034767050	4800000049	8303163950	4700000049	7315219950	4600000049
1008095010	5124967550	4300000049	3614538250	4100000049	2089823050	3700000049
1008095013	1067396350	3300000049	8300282049	3200000049	5517624049	3100000049
2008091001	4873000046	6600000049	4411000046	6700000049	4873000046	6600000049
2008091004	1077400047	5900000049	8531000046	6100000049	1550000046	7800000049
2008091007	2034000046	7500000049	2995000046	7100000049	8985000046	6100000049
2008091010	4411000046	6700000049	2995000046	7100000049	8076000046	6200000049
2008091013	5335000046	6600000049	3941000046	6800000049	2518000046	7300000049
2008092001	1017700047	6000000049	8531000046	6100000049	9134000046	6100000049
2008092004	1002800047	6000000049	1047600047	5900000049	8382000046	6100000049
2008092007	5797000046	6500000049	6713000046	6300000049	6258000046	6400000049
2008092010	1550000046	7800000049	3472000046	7000000049	3472000046	7000000049
2008092013	4411000046	6700000049	1432000047	5700000049		9999999999
2008093001	8513260048	3000000049	8265900048	3000000049	8366333048	3000000049
2008093004	7543270048	3000000049	6828010048	3000000049	5040470048	3200000049
2008093007	3437400048	3300000049	2052780048	3600000049	1716610048	3700000049
2008093010	8047400047	4200000049	2884100047	5000000049	2443000047	5200000049
2008093013	1723300047	5500000049	1344100047	5700000049	6713000046	6300000049
2008094001	1338877049	2900000049	1234330049	2900000049	1583591049	2900000049
2008094004	1675114049	2900000049	1346931049	2900000049	1497723049	2900000049
2008094007	1632854049	2900000049	1354977049	2900000049	1767769049	2900000049
2008094010	1338877049	2900000049	1177669049	2900000049	1085155049	2900000049
2008094013	7409900048	3000000049	5546730048	3100000049	3291070048	3400000049
2008095001	8112840049	3200000049	1033873150	3300000049	1394490250	3500000049
2008095004	1475437750	3500000049	1472893450	3500000049	1278103950	3400000049
2008095007	1521018150	3500000049	1284604550	3400000049	1511039650	3500000049
2008095010	1234965850	3400000049	7533289049	3200000049	7211640049	3200000049
2008095013	4768446049	3000000049	3299758049	2900000049	2110749049	2900000049
3008091001	2600000046	6800000049	1661000046	7300000049	1974000046	7100000049
3008091004	3822000046	6500000049	1974000046	7100000049	2600000046	6800000049
3008091007	2287000046	7000000049	3822000046	6500000049	2287000046	7000000049
3008091010	2600000046	6800000049	1661000046	7300000049	2906000046	6700000049
3008091013	1661000046	7300000049	2287000046	7000000049	1341000046	7500000049
3008092001	2906000046	6700000049	3211000046	6600000049	2906000046	6700000049
3008092004	3517000046	6600000049	3211000046	6600000049	5923000046	6100000049
3008092007	2600000046	6800000049	2906000046	6700000049	4128000046	6400000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
3008092010	19740000046	71000000049	22870000046	70000000049	19740000046	71000000049
3008092013	19740000046	71000000049	26000000046	68000000049	26000000046	68000000049
3008093001	30567500048	32000000049	36193400048	31000000049	26755800048	32000000049
3008093004	23484200048	33000000049	15912900048	35000000049	12996000048	36000000049
3008093007	66295000047	41000000049	39414000047	45000000049	33356000047	46000000049
3008093010	13180000047	54000000049	17524000047	51000000049	73020000046	59000000049
3008093013	59230000046	61000000049	50290000046	62000000049	47310000046	63000000049
3008094001	54772200048	30000000049	65694700048	29000000049	62104300048	30000000049
3008094004	66514300048	29000000049	88919700048	29000000049	60081500048	30000000049
3008094007	74524400048	29000000049	57134800048	30000000049	65061400048	30000000049
3008094010	52902100048	30000000049	42254500048	31000000049	30908000048	32000000049
3008094013	22471000048	33000000049	14651600048	36000000049	94950000047	38000000049
3008095001	26157800049	30000000049	30070100049	30000000049	25153310049	30000000049
3008095004	27075190049	30000000049	29096750049	30000000049	14897730049	29000000049
3008095007	25315360049	30000000049	28363470049	30000000049	25740040049	30000000049
3008095010	25527780049	30000000049	11106430049	29000000049	15351700049	29000000049
3008095013	11612550049	29000000049	64921400048	30000000049	48462300048	30000000049
4008091001	11700000046	68000000049	10360000046	70000000049	11700000046	68000000049
4008091004	31300000045	81000000049	46200000045	78000000049	74500000045	73000000049
4008091007	60300000045	75000000049	46200000045	78000000049	60300000045	75000000049
4008091010	74500000045	73000000049	10360000046	70000000049	89400000045	71000000049
4008091013	89400000045	71000000049	60300000045	75000000049	46200000045	78000000049
4008092001	60300000045	75000000049	17290000046	65000000049	46200000045	78000000049
4008092004	60300000045	75000000049	60300000045	75000000049	10360000046	70000000049
4008092007	31300000045	81000000049	74500000045	73000000049	46200000045	78000000049
4008092010	46200000045	78000000049	13110000046	67000000049	17290000046	65000000049
4008092013	60300000045	75000000049	11700000046	68000000049	11700000046	68000000049
4008093001	41321000047	39000000049	33416000047	40000000049	40717000047	39000000049
4008093004	38348000047	39000000049	21380000046	63000000049	27739000047	41000000049
4008093007	36538000047	39000000049	32187000047	40000000049	36679000047	39000000049
4008093010	11154000047	48000000049	10982000047	48000000049	68550000046	52000000049
4008093013	36060000046	58000000049	31070000046	59000000049	19970000046	63000000049
4008094001	39983500048	29000000049	48202300048	29000000049	58729900048	29000000049
4008094004	58412600048	29000000049	54121800048	29000000049	47539900048	29000000049
4008094007	46338900048	29000000049	47964600048	29000000049	26808700048	30000000049
4008094010	29550500048	29000000049	18642800048	31000000049	54665000047	37000000049
4008094013	41157000047	39000000049	58971000047	36000000049	26114000047	42000000049
4008095001	51733900048	29000000049	59559200048	29000000049	62757700048	29000000049
4008095004	77103800048	29000000049	69771700048	29000000049	86972900048	29000000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
4008095007	8556690048	2900000049	9178590048	2900000049	9666680048	2900000049
4008095010	8686260048	2900000049	9274710048	2900000049	5539660048	2900000049
4008095013	5208400048	2900000049	3413480048	2900000049	3538560048	2900000049
1009091001	1067700047	5900000049	1661500047	5600000049	9753000046	6000000049
1009091004	6944000046	6300000049	6944000046	6300000049	6467000046	6400000049
1009091007	5590000045	8800000049	3584000046	7000000049	7257000046	6300000049
1009091010	1797100047	5500000049	2101000046	7500000049	3099000046	7100000049
1009091013	4560000046	6700000049	4075000046	6200000049	2600000046	7300000049
1009092001	5998000046	6500000049	1282200047	5800000049	1190600047	5800000049
1009092004	1067700047	5900000049	1236800047	5800000049	6944000046	6300000049
1009092007	1129500047	5900000049	4075000046	6800000049	9753000046	6000000049
1009092010	3584000046	7000000049	2600000046	7300000049	8352000046	6200000049
1009092013	5037000046	6600000049	2101000046	7500000049	5998000046	6500000049
1009093001	3301200048	3400000049	4458950048	3200000049	3607750048	3300000049
1009093004	2852230048	3400000049	2395730048	3500000049	2275630048	3600000049
1009093007	2304690048	3600000049	1116020048	4000000049	4629800047	4700000049
1009093010	1976600047	5400000049	1160100047	5900000049	3584000046	7000000049
1009093013	4075000046	6800000049	4560000046	6700000049	2584000046	7300000049
1009094001	3621019450	4100000049	3265616350	4000000049	3992951750	4100000049
1009094004	3934922150	4100000049	3160404450	4000000049	3055606050	4200000049
1009094007	2553380350	3800000049	2134288150	3700000049	1845192250	2600000049
1009094010	9560831049	3300000049	3854655049	3000000049	1302913049	2900000049
1009094013	2832640048	3400000049	7218100047	4300000049	1692000047	5500000049
1009095001	3715985350	4100000049	3816067450	4100000049	4228433250	4200000049
1009095004	3843509450	4100000049	3718069950	4100000049	3267808350	4000000049
1009095007	3076419250	4000000049	2275803750	3800000049	1960762650	2700000049
1009095010	8033812049	3200000049	4169263049	3000000049	1285478049	2900000049
1009095013	3192200048	3400000049	6558700047	4400000049	2658400047	5100000049
2009091001	2034000046	7500000049		9999999999		9999999999
2009091004		9999999999	5797000046	6500000049		9999999999
2009091007		9999999999		9999999999		9999999999
2009091010	3472000046	7000000049		9999999999		9999999999
2009091013		9999999999		9999999999	6713000046	6300000049
2009092001	3472000046	7000000049	7629000046	9999999999		9999999999
2009092004		9999999999		9999999999		9999999999
2009092007		9999999999		9999999999		9999999999
2009092010	2034000046	7500000049		9999999999		9999999999
2009092013		9999999999		9999999999		9999999999
2009093001	2518000046	7300000049	7927000046	6200000049	2995000046	7100000049
					4411000046	6700000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
2009093004	3472000046	7000000049	7100000049	2995000046	3941000046	9999999999	9999999999	9999999999	9999999999
2009093007	4873000046	6600000049	9999999999	3472000046	5335000046	6800000049	6800000049	6800000049	6800000049
2009093010	2034000046	7500000049	7000000049	4670516049	5541228049	9999999999	9999999999	9999999999	9999999999
2009093013	5196780049	3000000049	3000000049	4563928049	4592232049	3000000049	3000000049	3000000049	3000000049
2009094001	5685545049	3100000049	3000000049	2524585049	1679614049	2900000049	2900000049	2900000049	2900000049
2009094004	3348589049	2900000049	3800000049	1413600048	3011500047	5000000049	5000000049	5000000049	5000000049
2009094007	6835240048	3000000049	6300000049	7175000046	3941000046	6800000049	6800000049	6800000049	6800000049
2009094010	1181700047	5800000049	2900000049	2111778049	2332263049	2900000049	2900000049	2900000049	2900000049
2009094013	1934826049	2900000049	2900000049	2670534049	2464183049	2900000049	2900000049	2900000049	2900000049
2009095001	2362899049	2900000049	2900000049	2083369049	1784682049	2900000049	2900000049	2900000049	2900000049
2009095004	2638400049	2900000049	2900000049	5539360048	2052780048	3600000049	3600000049	3600000049	3600000049
2009095007	1151577049	2900000049	6300000049	6713000046	7175000046	6300000049	6300000049	6300000049	6300000049
2009095010	4062100047	4800000049	9999999999	2906000046	9999999999	9999999999	9999999999	9999999999	9999999999
2009095013	1974000046	7100000049	9999999999			9999999999	9999999999	9999999999	9999999999
3009091001		9999999999	9999999999			9999999999	9999999999	9999999999	9999999999
3009091004		9999999999	9999999999			9999999999	9999999999	9999999999	9999999999
3009091007		7000000049	9999999999			9999999999	9999999999	9999999999	9999999999
3009091010	2287000046	9999999999	9999999999			9999999999	9999999999	9999999999	9999999999
3009091013	1021000046	7800000049	9999999999			9999999999	9999999999	9999999999	9999999999
3009092001		9999999999	9999999999	3517000046	1661000046	7300000049	7300000049	7300000049	7300000049
3009092004		9999999999	9999999999			9999999999	9999999999	9999999999	9999999999
3009092007	1341000046	7500000049	9999999999			9999999999	9999999999	9999999999	9999999999
3009092010		9999999999	9999999999			9999999999	9999999999	9999999999	9999999999
3009092013		9999999999	9999999999			9999999999	9999999999	9999999999	9999999999
3009093001	5327000046	6200000049	6400000049	4128000046	6930000045	8100000049	8100000049	8100000049	8100000049
3009093004	1002100047	5600000049	6200000049	5029000046	1661000046	7300000049	7300000049	7300000049	7300000049
3009093007	2600000046	6800000049	9999999999	1341000046	3517000046	6600000049	6600000049	6600000049	6600000049
3009093010		9999999999	9999999999			7100000049	7100000049	7100000049	7100000049
3009093013	3517000046	6600000049	7500000049			9999999999	9999999999	9999999999	9999999999
3009094001	8778870048	2900000049	9999999999	1007229049	1021000046	7800000049	7800000049	7800000049	7800000049
3009094004	1056708049	2900000049	9999999999	7761870048	1135282049	2900000049	2900000049	2900000049	2900000049
3009094007	5266520048	3000000049	2900000049	4146320048	7228700048	2900000049	2900000049	2900000049	2900000049
3009094010	5528300047	4200000049	3000000049	7398000046	2829800048	3200000049	3200000049	3200000049	3200000049
3009094013	4731000046	6300000049	5900000049	3517000046	3517000046	6600000049	6600000049	6600000049	6600000049
3009095001	4805770048	3000000049	6600000049	4199070048	3822000046	6500000049	6500000049	6500000049	6500000049
3009095004	5162210048	3000000049	3100000049	4007070048	6048160048	3000000049	3000000049	3000000049	3000000049
3009095007	2797990048	3200000049	3300000049	2185260048	3870060048	3100000049	3100000049	3100000049	3100000049
3009095010	4129900047	4400000049	5700000049	9343000046	1961740048	3400000049	3400000049	3400000049	3400000049
3009095013	2600000046	6800000049	7300000049	1661000046	2600000046	6800000049	6800000049	6800000049	6800000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
4009091001	1170000046	6800000049	6800000049	1863000046	6400000049	6400000049	1170000046	6800000049	6800000049
4009091004	1453000046	6600000049	6600000049	1729000046	6500000049	6500000049	1036000046	7000000049	7000000049
4009091007	7450000045	7300000049	7300000049	8940000045	7100000049	7100000049	1560000045	8800000049	8800000049
4009091010	1036000046	7000000049	7000000049	8940000045	7100000049	7100000049	7450000045	7300000049	7300000049
4009091013	1036000046	7000000049	7000000049	7450000045	7300000049	7300000049	1587000046	6600000049	6600000049
4009092001	1311000046	6700000049	6700000049	1587000046	6600000049	6600000049	3561000046	5800000049	5800000049
4009092004	8940000045	7100000049	7100000049	6030000045	7500000049	7500000049	1311000046	6700000049	6700000049
4009092007	1170000046	6800000049	6800000049	4620000045	7800000049	7800000049	1729000046	6500000049	6500000049
4009092010	1311000046	6700000049	6700000049	1453000046	6600000049	6600000049	1311000046	6700000049	6700000049
4009092013	1170000046	6800000049	6800000049	1587000046	6600000049	6600000049	8940000045	7100000049	7100000049
4009093001	1170000046	6800000049	6800000049	6030000045	7500000049	7500000049	1036000046	7000000049	7000000049
4009093004	1036000046	7000000049	7000000049	1311000046	6700000049	6700000049	1587000046	6600000049	6600000049
4009093007	1729000046	6500000049	6500000049	6030000045	7500000049	7500000049	1997000046	6300000049	6300000049
4009093010	2407000046	6200000049	6200000049	1997000046	6300000049	6300000049	2138000046	6300000049	6300000049
4009093013	1036000046	7000000049	7000000049	1863000046	6400000049	6400000049	7450000045	7300000049	7300000049
4009094001	1953170048	3100000049	3100000049	1958860048	3100000049	3100000049	1737100048	3100000049	3100000049
4009094004	2235770048	3000000049	3000000049	1306240048	3200000049	3200000049	1915250048	3100000049	3100000049
4009094007	1407710048	3200000049	3200000049	9377300047	3400000049	3400000049	7048200047	3500000049	3500000049
4009094010	2359600047	4300000049	4300000049	5826000046	5400000049	5400000049	1453000046	6600000049	6600000049
4009094013	1036000046	7000000049	7000000049	7450000045	7300000049	7300000049	8940000045	7100000049	7100000049
4009095001	2757530048	3000000049	3000000049	2578500048	3000000049	3000000049	3205760048	2900000049	2900000049
4009095004	2492000048	3000000049	3000000049	3140270048	2900000049	2900000049	2310950048	3000000049	3000000049
4009095007	2839420048	3000000049	3000000049	1834930048	3100000049	3100000049	1326130048	3200000049	3200000049
4009095010	6454400047	3600000049	3600000049	7622000046	5200000049	5200000049	1170000046	6800000049	6800000049
4009095013	1036000046	7000000049	7000000049	1036000046	7000000049	7000000049	1729000046	6500000049	6500000049
1010091001	1540800047	5600000049	5600000049	9909000046	6000000049	6000000049	7726000046	6200000049	6200000049
1010091004	1251700047	5800000049	5800000049	4716000046	6700000049	6700000049	7570000046	6300000049	6300000049
1010091007	4075000046	6800000049	6800000049	1098200047	5900000049	5900000049	3099000046	7100000049	7100000049
1010091010	8196000046	6200000049	6200000049	3584000046	7000000049	7000000049	6944000046	6300000049	6300000049
1010091013	2600000046	7300000049	7300000049	2600000046	7300000049	7300000049	3099000046	7100000049	7100000049
1010092001	1480400047	5700000049	5700000049	1129500047	5900000049	5900000049	4084400047	4800000049	4800000049
1010092004	2614400047	5200000049	5200000049	3024900047	5000000049	5000000049	1236800047	5800000049	5800000049
1010092007	8978000046	6100000049	6100000049	6311000046	6400000049	6400000049	4560000046	6700000049	6700000049
1010092010	5037000046	6600000049	6600000049	8352000046	6200000049	6200000049	4075000046	6800000049	6800000049
1010092013	3584000046	7000000049	7000000049	7413000046	6300000049	6300000049	5521000046	6600000049	6600000049
1010093001	1830680048	3700000049	3700000049	1968070048	3700000049	3700000049	3051760048	3400000049	3400000049
1010093004	2907070048	3400000049	3400000049	2785550048	3500000049	3500000049	2871830048	3400000049	3400000049
1010093007	2926660048	3400000049	3400000049	2746280048	3500000049	3500000049	2217440048	3600000049	3600000049
1010093010	2332400048	3600000049	3600000049	2391790048	3500000049	3500000049	2640190048	3500000049	3500000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
1010093013	1872110048	3700000049	4787000047	4700000049	7414100047	4300000049			
1010094001	1026205050	3300000049	1000794050	3300000049	1104597050	3300000049			
1010094004	1559589150	3500000049	1354801750	3500000049	1038080550	3300000049			
1010094007	1349121350	3500000049	1437547850	3500000049	1314950050	3400000049			
1010094010	1081533750	3300000049	8624114049	3200000049	5251251049	3000000049			
1010094013	4208975049	3000000049	2260871049	2900000049	1474448049	2900000049			
1010095001	3863104450	4100000049	3820508750	4100000049	4228737950	4200000049			
1010095004	3437820850	4000000049	4521559950	4200000049	3989528150	4100000049			
1010095007	4416317550	4200000049	3919933750	4100000049	2753391950	3900000049			
1010095010	2789159950	3900000049	2025329350	3700000049	1457777650	3500000049			
1010095013	9788617049	3300000049	7127017049	3100000049		9999999999			
2010091001	2034000046	7500000049	2034000046	7500000049	3941000046	6800000049			
2010091004	2995000046	7100000049	1388000047	5700000049	5335000046	6600000049			
2010091007	5797000046	6500000049	5335000046	6600000049	2034000046	7500000049			
2010091010	1955000047	5400000049	4411000046	6700000049	2518000046	7300000049			
2010091013	2995000046	7100000049	1550000046	7800000049	4411000046	6700000049			
2010092001	1738200047	5500000049	8531000046	6100000049	5335000046	6600000049			
2010092004	1166800047	5800000049	5335000046	6600000049	7175000046	6300000049			
2010092007	3472000046	7000000049	3941000046	6800000049	5440000045	8800000049			
2010092010	4411000046	6700000049		9999999999		3999999999			
2010092013		9999999999		9999999999	2518000046	7300000049			
2010093001	8076000046	6200000049	7629000046	6200000049	6531000046	6100000049			
2010093004	7175000046	6300000049	5335000046	6600000049	7175000046	6300000049			
2010093007	9432000046	6000000049	8985000046	6100000049	1122100047	5900000049			
2010093010	1344100047	5700000049	5797000046	6500000049	8076000046	6200000049			
2010093013	2034000046	7500000049	1051000046	8100000049	5797000046	6500000049			
2010094001	6243590048	3100000049	7975100048	3000000049	9324400048	3000000049			
2010094004	1127578049	2900000049	1165330049	2900000049	6479840048	3100000049			
2010094007	1146637049	2900000049	1010366049	2900000049	1097187049	2900000049			
2010094010	1319267049	2900000049	8552670048	3000000049	9580930048	3000000049			
2010094013	5692990048	3100000049	2774150048	3400000049	3429950048	3300000049			
2010095001	2422065049	2900000049	3586225049	2900000049	5757466049	3100000049			
2010095004	5311832049	3100000049	4658684049	3000000049	5257264049	3100000049			
2010095007	5597934049	3100000049	3724031049	3000000049	5060650049	3000000049			
2010095010	5825445049	3100000049	4634343049	3000000049	2856210049	2900000049			
2010095013	2837330049	2900000049	2907410049	2900000049	1473688049	2900000049			
3010091001	2287000046	7000000049		9999999999		9999999999			
3010091004		9999999999	4128000046	6400000049		9999999999			
3010091007		9999999999		9999999999		9999999999			

TABLE XIV-2 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
3010091010	2287000046	7000000049		9999999999		9999999999
3010091013		9999999999		9999999999	1021000046	7800000049
3010092001	2287000046	7000000049		9999999999		9999999999
3010092004		9999999999	2287000046	7000000049		9999999999
3010092007		9999999999		9999999999		9999999999
3010092010	1661000046	7300000049		9999999999		9999999999
3010092013		9999999999		9999999999		9999999999
3010093001	3822000046	6500000049	4128000046	6400000049	2287000046	7000000049
3010093004	3211000046	6600000049	3517000046	6600000049	3211000046	6600000049
3010093007		9999999999		9999999999		9999999999
3010093010	2287000046	7000000049		9999999999		9999999999
3010093013		9999999999		9999999999		9999999999
3010094001	1583700048	3500000049	2086090048	3400000049	6930000045	8100000049
3010094004	2415030048	3300000049	2920180048	3200000049	2390370048	3300000049
3010094007	2400200048	3300000049	2751500048	3200000049	2761330048	3200000049
3010094010	2172800048	3300000049	2375540048	3300000049	2988500048	3200000049
3010094013	2217400048	3300000049	1348700048	3600000049	2242180048	3300000049
3010095001	5366060048	3000000049	1049384049	2900000049	1545920048	3500000049
3010095004	5574150048	3000000049	1631580049	2900000049	8806590048	2900000049
3010095007	1304753049	2900000049	9261640048	2900000049	9502620048	2900000049
3010095010	9716450048	2900000049	1177646049	2900000049	1061060049	2900000049
3010095013	8605570048	2900000049	5522150048	3000000049	8070620048	2900000049
4010091001	1311000046	6700000049		9999999999	6243290048	3000000049
4010091004		9999999999	8940000045	7100000049		9999999999
4010091007		9999999999		9999999999		9999999999
4010091010	4620000045	7800000049		9999999999		9999999999
4010091013		9999999999		9999999999	4620000045	7800000049
4010092001	1170000046	6800000049		9999999999		9999999999
4010092004		9999999999	8940000045	7100000049		9999999999
4010092007		9999999999		9999999999		9999999999
4010092010	7450000045	7300000049		9999999999		9999999999
4010092013		9999999999		9999999999	8940000045	7100000049
4010093001	1863000046	6400000049	1036000046	7000000049		9999999999
4010093004		9999999999	7450000045	7300000049		9999999999
4010093007		9999999999		9999999999		9999999999
4010093010	1170000046	6800000049		9999999999		9999999999
4010093013		9999999999		9999999999		9999999999
4010094001	1940100047	4400000049	5216200047	3700000049	1311000046	6700000049
4010094004	8329700047	3400000049	8646400047	3400000049	6385900047	3600000049
					7911800047	3500000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE			DOSAGE			DOSAGE		
	GM SEC/CU.M	S.E.		GM SEC/CU.M	S.E.		GM SEC/CU.M	S.E.	
401094007	1083240048	3300000049		9904800047	3300000049		5289200047	3700000049	
401094010	5470200047	3700000049		6343400047	3600000049		2431900047	4200000049	
401094013	4511130047	3800000049		3085300047	4100000049		4398600047	3800000049	
401095001	2337770048	3000000049		2968830048	2900000049		3524940048	2900000049	
401095004	3148760048	2900000049		3275420048	2900000049		4198550048	2900000049	
401095007	3877130048	2900000049		4173590048	2900000049		3696010048	2900000049	
401095010	5113560048	2900000049		4129780048	2900000049		3924150048	2900000049	
401095013	2001820048	3100000049		1989900048	3100000049		3105400048	2900000049	
1011091001	5628090048	3100000049		9300040048	3000000049		1170047049	2900000049	
1011091004	7260740048	3000000049		7887480048	3000000049		6446990048	3100000049	
1011091007	4948000048	3200000049		3468250048	3300000049		2899240048	3400000049	
1011091010	1656640048	3800000049		8638900047	4200000049		6446200047	4400000049	
1011091013	4314600047	4700000049		1721800047	5500000049		5037000046	6600000049	
1011092001	1969270049	2900000049		2055228049	2900000049		2397329049	2900000049	
1011092004	2423376049	2900000049		1761042049	2900000049		1179174049	2900000049	
1011092007	7596840048	3000000049		4397630048	3200000049		2308640048	3600000049	
1011092010	7162200047	4400000049		2140600047	5300000049		1946800047	5400000049	
1011092013	1067700047	5900000049		9909000046	6000000049		1113900047	5900000049	
1011093001	8237101049	3200000049		1098597050	3300000049		1385183650	3500000049	
1011093004	9221606049	3300000049		8888997049	3200000049		5209945049	3000000049	
1011093007	3404669049	2900000049		1983136049	2900000049		1567751049	2900000049	
1011093010	6616190048	3100000049		1844090048	3700000049		6572200047	4400000049	
1011093013	2643500047	5200000049		1083300047	5900000049		4560000046	6700000049	
1011094001	1668987450	3500000049		3084562750	4000000049		3475533450	4000000049	
1011094004	2686025950	3900000049		1526823650	3500000049		9409703049	3300000049	
1011094007	6902859049	3100000049		3751799049	3000000049		1955755049	2900000049	
1011094010	8289140048	3000000049		3739370048	3300000049		1287910048	3900000049	
1011094013	5584200047	4500000049		2791000047	5100000049		1088000046	8100000049	
1011095001	5259098950	4300000049		5808524850	4400000049		7072003950	4600000049	
1011095004	4633716550	4300000049		4182128650	4200000049		2364345650	3800000049	
1011095007	1765608850	3600000049		9036280049	3200000049		8105075049	3200000049	
1011095010	3666036049	2900000049		1689807049	2900000049		7294340048	3000000049	
1011095013	3538060048	3300000049		1473580048	3800000049			9999999999	
2011091004	7522900047	4300000049		7724800047	4300000049		5401700047	4500000049	
2011091007	4658100047	4700000049		3250700047	4900000049		2571900047	5100000049	
2011091010	1344100047	5700000049		8829000046	6100000049		2085400047	5300000049	
2011091013	4873000046	6600000049		5335000046	6600000049		5335000046	6600000049	
2011092001	3472000046	7000000049		2995000046	7100000049		2518000046	7300000049	
	1883130048	3700000049		1176070048	4000000049		1121910048	4000000049	

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU M	GM SEC/CU M		GM SEC/CU M	GM SEC/CU M		GM SEC/CU M	GM SEC/CU M	
2011092004	5196000047	4600000049	4600000049	4131300047	4800000049	4800000049	2042200047	5300000049	5300000049
2011092007	2099600047	5300000049	5300000049	1284500047	5800000049	5800000049	8985000046	6100000049	6100000049
2011092010	5797000046	6500000049	6500000049	5335000046	6600000049	6600000049	3472000046	7000000049	7000000049
2011092013	2518000046	7300000049	7300000049	1051000046	8100000049	8100000049	7629000046	6200000049	6200000049
2011093001	3087820048	3400000049	3400000049	2759020048	3400000049	3400000049	1573940048	3800000049	3800000049
2011093004	8638200047	4200000049	4200000049	8370000047	4200000049	4200000049	5839800047	4500000049	4500000049
2011093007	3936900047	4800000049	4800000049	2741800047	5100000049	5100000049	7175000046	6300000049	6300000049
2011093010	1490100047	5600000049	5600000049	8076000046	6200000049	6200000049	8985000046	6100000049	6100000049
2011093013	6713000046	6300000049	6300000049	1550000046	7800000049	7800000049	8531000046	6100000049	6100000049
2011094001	5532000048	3100000049	3100000049	5517380048	3100000049	3100000049	5762430048	3100000049	3100000049
2011094004	4372500048	3200000049	3200000049	3008620048	3400000049	3400000049	3114190048	3400000049	3400000049
2011094007	3181990048	3400000049	3400000049	2531110048	3500000049	3500000049	2002720048	3600000049	3600000049
2011094010	6344200047	4400000049	4400000049	1342970048	3900000049	3900000049	9679800047	4100000049	4100000049
2011094013	8209000047	4200000049	4200000049	6479800047	4400000049	4400000049	4644700047	4700000049	4700000049
2011095001	5594270048	3100000049	3100000049	5069900048	3200000049	3200000049	6780920048	3000000049	3000000049
2011095004	6130780048	3100000049	3100000049	5499120048	3100000049	3100000049	5139710048	3100000049	3100000049
2011095007	4453960046	3200000049	3200000049	4616600048	3200000049	3200000049	4235360048	3200000049	3200000049
2011095010	3072770048	3400000049	3400000049	2789350048	3400000049	3400000049	2091230048	3600000049	3600000049
2011095013		9999999999	9999999999	1121910048	4000000049	4000000049	1049040048	4000000049	4000000049
2011096001	3517000046	6600000049	6600000049	2600000046	6800000049	6800000049	4128000046	6400000049	6400000049
2011096004	1341000046	7500000049	7500000049	2600000046	6800000049	6800000049	2906000046	6700000049	6700000049
2011096007	4426000046	6300000049	6300000049	2600000046	6800000049	6800000049	1021000046	7800000049	7800000049
2011096010	5580000046	8800000049	8800000049	6930000045	9999999999	9999999999	1341000046	7500000049	7500000049
2011096013		9999999999	9999999999	4731000046	8100000049	8100000049	5029000046	6200000049	6200000049
2011097001	5029000046	6200000049	6200000049	9149000046	6300000049	6300000049	2600000046	6800000049	6800000049
2011097004	4128000046	6400000049	6400000049	1341000046	7500000049	7500000049	3517000046	6600000049	6600000049
2011097007	1974000046	7100000049	7100000049	3580000045	8800000049	8800000049	5625000046	6100000049	6100000049
2011097010	2906000046	6700000049	6700000049	6930000045	8100000049	8100000049	1341000046	7500000049	7500000049
2011097013	1341000046	7500000049	7500000049	1403700047	5300000049	5300000049	1974000046	7100000049	7100000049
2011098001	7592000046	5800000049	5800000049	8956000046	5700000049	5700000049	1242000047	5400000049	5400000049
2011098004	2439500047	4800000049	4800000049	5722000046	6100000049	6100000049	3517000046	6600000049	6600000049
2011098007	7495000046	5900000049	5900000049	4731000046	6300000049	6300000049	2906000046	6700000049	6700000049
2011098010	3517000046	6600000049	6600000049	3822000046	6500000049	6500000049	1031200047	5600000049	5600000049
2011098013	7108000046	5900000049	5900000049	6067000047	4100000049	4100000049	2600000046	6800000049	6800000049
2011099001	1145900047	5500000049	5500000049	4398800047	4400000049	4400000049	5511200047	4200000049	4200000049
2011099004	5546200047	4200000049	4200000049	6137800047	4100000049	4100000049	7215100047	4000000049	4000000049
2011099007	5546200047	4200000049	4200000049	4497200047	4400000049	4400000049	3814700047	4500000049	4500000049
2011099010	4003900047	4500000049	4500000049	2449000047	4800000049	4800000049	3290200047	4600000049	4600000049
2011099013	5462300047	4600000049	4600000049				2356600047	4900000049	4900000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
3011092001	2464200048	3300000049	3300000049	2219900048	3300000049	3300000049	1849460048	3400000049	3400000049
3011092004	1138900048	3700000049	3700000049	1495480048	3600000049	3600000049	5395700047	4200000049	4200000049
3011092007	7075800047	4000000049	4000000049	9976300047	3800000049	3800000049	9348200047	3800000049	3800000049
3011092010	3480900047	4600000049	4600000049	2069800047	5000000049	5000000049	2669500047	4800000049	4800000049
3011092013	3426500047	4800000049	4800000049	1836600047	5100000049	5100000049	1779900047	5100000049	5100000049
4011091001	1311000046	6700000049	6700000049	1863000046	6400000049	6400000049	1311000046	6700000049	6700000049
4011091004	2272000046	6200000049	6200000049	2407000046	6200000049	6200000049	1453000046	6600000049	6600000049
4011091007	8940000045	7100000049	7100000049	1587000046	6600000049	6600000049	6030000045	7500000049	7500000049
4011091010	1170000046	6800000049	6800000049	8940000045	7100000049	7100000049		9999999999	9999999999
4011091013		9999999999	9999999999		9999999999	9999999999	1036000046	7000000049	7000000049
4011092001	1311000046	6700000049	6700000049	1036000046	7000000049	7000000049	1036000046	7000000049	7000000049
4011092004		9999999999	9999999999	7450000045	7300000049	7300000049		9999999999	9999999999
4011092007		9999999999	9999999999		9999999999	9999999999	6030000045	7500000049	7500000049
4011092010	1587000046	6600000049	6600000049		9999999999	9999999999		9999999999	9999999999
4011092013		9999999999	9999999999		9999999999	9999999999	7450000045	7300000049	7300000049
4011093001	3430000046	5800000049	5800000049	4746000046	5600000049	5600000049	2049000046	6300000049	6300000049
4011093004	1453000046	6600000049	6600000049	8940000045	7100000049	7100000049	1729000046	6500000049	6500000049
4011093007	1036000046	7000000049	7000000049	1729000046	6500000049	6500000049	1170000046	6800000049	6800000049
4011093010	8940000045	7100000049	7100000049	8940000045	7100000049	7100000049		9999999999	9999999999
4011093013		9999999999	9999999999		9999999999	9999999999	6030000045	7500000049	7500000049
4011094001	2556300047	4200000049	4200000049	2332000047	4300000049	4300000049	2571900047	4200000049	4200000049
4011094004	1182400047	4800000049	4800000049	9567000046	5000000049	5000000049	1107000047	4800000049	4800000049
4011094007	5650000046	5400000049	5400000049	1215200047	4800000049	4800000049	3695000046	5800000049	5800000049
4011094010	7042000046	5200000049	5200000049	9902000046	4900000049	4900000049	8940000045	7100000049	7100000049
4011094013	2541000046	6100000049	6100000049	4664000046	5600000049	5600000049	8345000046	5100000049	5100000049
4011095001	1850130048	3100000049	3100000049	1598520048	3100000049	3100000049	1428570048	3200000049	3200000049
4011095004	1041960048	3300000049	3300000049	9971900047	3300000049	3300000049	6236900047	3600000049	3600000049
4011095007	3605300047	3500000049	3500000049	1553400047	4600000049	4600000049	1165300047	4800000049	4800000049
4011095010	8389000046	5100000049	5100000049	5312000046	5500000049	5500000049	5744000046	5400000049	5400000049
4011095013	4224000046	5700000049	5700000049	2988000046	6000000049	6000000049	7495000046	5200000049	5200000049
1012091001	3584000046	7000000049	7000000049	2600000046	7300000049	7300000049	3584000046	7000000049	7000000049
1012091004		9999999999	9999999999	2600000046	7300000049	7300000049		9999999999	9999999999
1012091007	3099000046	7100000049	7100000049		9999999999	9999999999	6944000046	6300000049	6300000049
1012091010		9999999999	9999999999	2600000046	7300000049	7300000049		9999999999	9999999999
1012091013	1602000046	7800000049	7800000049		9999999999	9999999999	4075000046	6800000049	6800000049
1012092001	1067700047	5900000049	5900000049	2600000046	7300000049	7300000049	2600000046	7300000049	7300000049
1012092004	2600000046	7300000049	7300000049	1646600047	5600000049	5600000049	5521000046	6600000049	6600000049
1012092007	8352000046	6200000049	6200000049	7883000046	6200000049	6200000049	3099000046	7100000049	7100000049
1012092010	2600000046	7300000049	7300000049	7883000046	6200000049	6200000049	6944000046	6300000049	6300000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
1012092013	50370000046	66000000049	66000000049	40750000046	45600000046	68000000049	45600000046	67000000049	67000000049
1012093001	73766000048	30000000049	30000000049	75147300048	57756900048	30000000049	57756900048	31000000049	31000000049
1012093004	11857600048	40000000049	40000000049	13911000048	84311000047	39000000049	84311000047	42000000049	42000000049
1012093007	43429000047	47000000049	47000000049	48161000047	19617000047	47000000049	19617000047	54000000049	54000000049
1012093010	11757000047	59000000049	59000000049	45600000046	55210000046	67000000049	55210000046	66000000049	66000000049
1012093013	55210000046	66000000049	66000000049	20660000047	74130000046	54000000049	74130000046	63000000049	63000000049
1012094001	1363158250	35000000049	35000000049	1175072850	1149837750	34000000049	1149837750	34000000049	34000000049
1012094004	1004365850	33000000049	33000000049	3300115049	75493600049	29000000049	75493600049	32000000049	32000000049
1012094007	63994900049	31000000049	31000000049	4109316049	1988471049	30000000049	1988471049	29000000049	29000000049
1012094010	62625900048	31000000049	31000000049	23640700048	49442000047	35000000049	49442000047	46000000049	46000000049
1012094013	11601000047	59000000049	59000000049	95960000046	59980000046	60000000049	59980000046	65000000049	65000000049
1012095001	1399008250	35000000049	35000000049	1267817650	1278986050	34000000049	1278986050	34000000049	34000000049
1012095004	1092693250	33000000049	33000000049	1086004850	79433400049	33000000049	79433400049	32000000049	32000000049
1012095007	8447736049	32000000049	32000000049	6419592049	5332448049	31000000049	5332448049	30000000049	30000000049
1012095010	4192539049	30000000049	30000000049	1451351049	44014300048	29000000049	44014300048	32000000049	32000000049
1012095013	14884000048	38000000049	38000000049	76368000047	75700000046	43000000049	75700000046	63000000049	63000000049
2012091001	34720000046	79000000049	79000000049	39410000046	17092000047	68000000049	17092000047	55000000049	55000000049
2012091004	57970000046	65000000049	65000000049	42148000047	29950000046	47000000049	29950000046	71000000049	71000000049
2012091007	57970000046	65000000049	65000000049	15500000046	53350000046	78000000049	53350000046	66000000049	66000000049
2012091010	44110000046	67000000049	67000000049	23000000047	38251000047	52000000049	38251000047	48000000049	48000000049
2012091013	48730000046	66000000049	66000000049	48730000046	62580000046	66000000049	62580000046	64000000049	64000000049
2012092001	25180000046	73000000049	73000000049	53350000046	20340000046	66000000049	20340000046	75000000049	75000000049
2012092004	25180000046	73000000049	73000000049	20340000046	67130000046	75000000049	67130000046	63000000049	63000000049
2012092007	57970000046	65000000049	65000000049	34720000046	25180000046	70000000049	25180000046	73000000049	73000000049
2012092010	10510000046	81000000049	81000000049	29950000046	20340000046	71000000049	20340000046	75000000049	75000000049
2012092013	15500000046	78000000049	78000000049	1220621049	39410000046	75000000049	39410000046	68000000049	68000000049
2012093001	1111321049	29000000049	29000000049	72113400048	1057543049	29000000049	1057543049	29000000049	29000000049
2012093004	79391900048	30000000049	30000000049	18599600048	48674600048	30000000049	48674600048	32000000049	32000000049
2012093007	30387900048	34000000049	34000000049	20340000046	76711000047	37000000049	76711000047	43000000049	43000000049
2012093010	10171000047	60000000049	60000000049	15500000046	29950000046	75000000049	29950000046	71000000049	71000000049
2012093013	1494937049	99999999999	99999999999	15500000046	29950000046	78000000049	29950000046	71000000049	71000000049
2012094001	11554280049	29000000049	29000000049	1268059049	19911700048	29000000049	19911700048	36000000049	36000000049
2012094004	63781400048	31000000049	31000000049	73666100048	71138100048	30000000049	71138100048	30000000049	30000000049
2012094007	12708500048	39000000049	39000000049	52682300048	32045700048	31000000049	32045700048	34000000049	34000000049
2012094010	79270000046	62000000049	62000000049	13582300047	57970000046	57000000049	57970000046	65000000049	65000000049
2012094013	1595393049	29000000049	29000000049	95810000046	29950000046	60000000049	29950000046	71000000049	71000000049
2012095001	1550592049	29000000049	29000000049	1771912049	15464200049	29000000049	15464200049	29000000049	29000000049
2012095004	79067800048	30000000049	30000000049	1463585049	1336075049	29000000049	1336075049	29000000049	29000000049
2012095007				74675700048	6298120048	30000000049	6298120048	31000000049	31000000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
2012092010	2740030048	3400000049	3400000049	9306500047	4100000049	4100000049	3024900047	5000000049	
2012092013	2500400047	5200000049	5200000049		9999999999	9999999999	3472000046	7000000049	
2012091001	1021000046	7800000049	7800000049		9999999999	9999999999		9999999999	
2012091004		9999999999	9999999999	2600000046	6800000049	6800000049		9999999999	
2012091007		9999999999	9999999999		9999999999	9999999999		9999999999	
2012091010	2900600046	6700000049	6700000049		9999999999	9999999999		9999999999	
2012091013		9999999999	9999999999		9999999999	9999999999	6930000045	8100000049	
2012092001	3822000046	6500000049	6500000049	6930000045	8100000049	8100000049	1341000046	7500000049	
2012092004		9999999999	9999999999	2287000046	7000000049	7000000049		9999999999	
2012092007		9999999999	9999999999	1974000046	7100000049	7100000049	3822000046	6500000049	
2012092010	5029000046	6200000049	6200000049	2600000046	6800000049	6800000049	1021000046	7800000049	
2012092013		9999999999	9999999999		9999999999	9999999999	2287000046	7000000049	
2012093001	3135900047	4600000049	4600000049	1667400047	5200000049	5200000049	3007800047	4700000049	
2012093004	1798600047	5100000049	5100000049	1127300047	5500000049	5500000049	5528000046	6100000049	
2012093007	2906000046	6700000049	6700000049	2600000046	6800000049	6800000049	1341000046	7500000049	
2012093010	1021000045	7800000049	7800000049		9999999999	9999999999		9999999999	
2012093013	1974000046	7100000049	7100000049		9999999999	9999999999	1661000046	7300000049	
2012094001	9761800047	3800000049	3800000049	9839200047	3800000049	3800000049	1346170048	3600000049	
2012094004	1211240048	3700000049	3700000049	9244700047	3900000049	3900000049	6559500047	4100000049	
2012094007	5820400047	4200000049	4200000049	3444400047	4600000049	4600000049	2971300047	4700000049	
2012094010	8278000046	5800000049	5800000049	1341000046	7500000049	7500000049	1661000046	7300000049	
2012094013	2287000046	7000000049	7000000049	1661000046	7300000049	7300000049	1661000046	7300000049	
2012095001	5578920048	3000000049	3000000049	5763020048	3000000049	3000000049	7422190048	2900000049	
2012095004	4746240048	3000000049	3000000049	5086290048	3000000049	3000000049	4938990048	3000000049	
2012095007	3236680046	3200000049	3200000049	2207530048	3300000049	3300000049	1721900048	3500000049	
2012095010	3571100047	4500000049	4500000049	1117600047	5500000049	5500000049	4329000046	6400000049	
2012095013	1021000046	7800000049	7800000049	1974000046	7100000049	7100000049	1974000046	7100000049	
2012091001	3130000045	8100000049	8100000049		9999999999	9999999999		9999999999	
2012091004		9999999999	9999999999	1036000046	7000000049	7000000049		9999999999	
2012091007		9999999999	9999999999		9999999999	9999999999		9999999999	
2012091010	6940000045	7100000049	7100000049		9999999999	9999999999		9999999999	
2012091013		9999999999	9999999999		9999999999	9999999999	6030000045	7500000049	
2012092001	6030000045	7500000049	7500000049		9999999999	9999999999		9999999999	
2012092004		9999999999	9999999999	1170000046	6800000049	6800000049		9999999999	
2012092007		9999999999	9999999999		9999999999	9999999999		9999999999	
2012092010	1170000046	6800000049	6800000049		9999999999	9999999999		9999999999	
2012092013		9999999999	9999999999		9999999999	9999999999	1036000046	7000000049	
2012093001	1453000046	6600000049	6600000049	7450000045	7300000049	7300000049	8940000045	7100000049	
2012093004	8940000045	7100000049	7100000049	6030000045	7500000049	7500000049	7450000045	7300000049	

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M			GM SEC/CU.M			GM SEC/CU.M		
4012093007	60300000045		75000000049	74500000045		73000000049	25410000046		61000000049
4012093010	74500000045		73000000049	74500000045		73000000049			99999999999
4012093013	60300000045		75000000049			99999999999	31300000045		81000000049
4012094001	60300000045		75000000049			99999999999	46200000045		78000000049
4012094004			99999999999	74500000045		73000000049			99999999999
4012094007	10360000046		70000000049			99999999999	89400000045		71000000049
4012094010			99999999999	60300000045		75000000049			99999999999
4012094013	74500000045		73000000049			99999999999	10360000046		70000000049
4012095001	45657000047		38000000049	45776000047		38000000049	45657000047		38000000049
4012095004	64656000047		36000000049	68426000047		35000000049	53853000047		37000000049
4012095007	47326000047		38000000049	36135000047		39000000049	43325000047		38000000049
4012095010	24237000047		42000000049	13605000047		47000000049	56550000046		54000000049
4012095013	24070000046		62000000049	46200000045		78000000049	89400000045		71000000049
1013091001	2510951450		38000000049	4363057050		42000000049	3731595750		41000000049
1013091004	1547538550		35000000049	3663913250		41000000049	3091342750		40000000049
1013091007	4263167150		42000000049	3750913650		41000000049	3337604650		40000000049
1013091010	1800459650		36000000049	1267267050		34000000049	8287057049		32000000049
1013091013	5583776045		31000000049	5100526049		30000000049	2905302049		29000000049
1013092001	2170619650		34000000049	1366931950		35000000049	1366859950		35000000049
1013092004	1590520850		35000000049	1395045250		35000000049	1476580650		35000000049
1013092007	1045437950		33000000049	9241343049		33000000049	7241294049		32000000049
1013092010	5556777049		31000000049	2235793049		29000000049	2548486049		29000000049
1013092013	1351876049		29000000049	1286209049		29000000049	8830500048		30000000049
1013093001	2591300048		35000000049	2169830048		36000000049	5783290048		31000000049
1013093004	4124940048		33000000049	5191710048		32000000049	4485770048		32000000049
1013093007	5704560048		33000000049	3793460048		33000000049	3623290048		33000000049
1013093010	1846760048		37000000049	1293350048		39000000049	1033690048		41000000049
1013093013	1035110048		41000000049	7218100047		43000000049	6403800047		44000000049
1013094001	59090000046		60000000049	53610000047		49000000049	3149290048		34000000049
1013094004	55380000046		53000000049	2502350048		35000000049	2758060048		35000000049
1013094007	1627130046		38000000049	13660000048		39000000049	7706900047		43000000049
1013094010	5067300047		45000000049	5214700047		46000000049	4486700047		47000000049
1013094013	2125700047		53000000049	77260000046		62000000049	92830000046		61000000049
1013095001	10058000047		60000000049	10982000047		59000000049	4688580048		32000000049
1013095004	1687460048		38000000049	5184110048		32000000049	4386080048		32000000049
1013095007	1986700048		36000000049	1925450048		37000000049	1293350048		39000000049
1013095010	9206700047		42000000049	4026300047		48000000049	4872700047		46000000049
1013095013	1736700047		55000000049	1328410047		58000000049	7570000046		63000000049
1013091001	2017230049		29000000049	2507962049		29000000049	2100140049		29000000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
2013091004			9999999999	2896972049	2900000049	2900000049	3455497049	2900000049	2900000049
2013091007	2976403049		2900000049	3435798049	2900000049	2900000049	2730355049	2900000049	2900000049
2013091010	2991525049		2900000049	2598122049	2900000049	2900000049	2359159049	2900000049	2900000049
2013091013	1749121049		2900000049	2000764049	2900000049	2900000049	1176260049	2900000049	2900000049
2013092001	3587230048		3300000049	5007310048	3200000049	3200000049	4401150048	3200000049	3200000049
2013092004	7330460048		3000000049	6225410048	3100000049	3100000049	4533370048	3200000049	3200000049
2013092007	7077680048		3000000049	6904010048	3000000049	3000000049	6338130048	3100000049	3100000049
2013092010	6006880048		3100000049	4339140048	3200000049	3200000049	5552760048	3100000049	3100000049
2013092013	5011000048		3200000049	3489850048	3300000049	3300000049	3990160048	3300000049	3300000049
2013093001	7175000046		6300000049	6713000046	6300000049	6300000049	5798800047	4500000049	4500000049
2013093004	3363200047		4900000049	4699800047	4700000049	4700000049	4575400047	4700000049	4700000049
2013093007	2300000047		5200000049	3334900047	4900000049	4900000049	1151900047	5800000049	5800000049
2013093010	2940700047		5000000049	1284500047	5800000049	5800000049	9385000046	6100000049	6100000049
2013093013	1969900047		5400000049	1505000047	5600000049	5600000049	1299400047	5700000049	5700000049
2013094001	2518000046		7300000049	5797000046	6500000049	6500000049	6466400047	4400000049	4400000049
2013094004	6710700047		4400000049	9786300047	4100000049	4100000049	1084880048	4000000049	4000000049
2013094007	8222500047		4200000049	6030500047	4500000049	4500000049	6751700047	4400000049	4400000049
2013094010	3811000047		4800000049	4340000047	4700000049	4700000049	2756700047	5100000049	5100000049
2013094013	1810500047		5400000049	2200200047	5300000049	5300000049	1665200047	5500000049	5500000049
2013095001	5335000046		6600000049	6253000046	6400000049	6400000049	9600100047	4100000049	4100000049
2013095004	1050300048		4000000049	7252400047	4300000049	4300000049	9240200047	4100000049	4100000049
2013095007	9573300047		4100000049	9105100047	4100000049	4100000049	6955100047	4300000049	4300000049
2013095010	7212200047		4300000049	2920600047	5000000049	5000000049	3900300047	4800000049	4800000049
2013095013	3053200047		5000000049	2600300047	5100000049	5100000049	2329100047	5200000049	5200000049
3013091001	4839000048		3000000049	7401180048	2900000049	2900000049	7610690048	2900000049	2900000049
3013091004	8406600048		2900000049	7868710048	2900000049	2900000049	8404250048	2900000049	2900000049
3013091007	7020950048		2900000049	6454590048	3000000049	3000000049	6906540048	2900000049	2900000049
3013091010	7063000048		2900000049	7743240048	2900000049	2900000049	6175120048	3000000049	3000000049
3013091013	4002300048		3100000049	5138520048	3000000049	3000000049	3115160048	3200000049	3200000049
3013092001	9778900047		3800000049	2028940048	3400000049	3400000049	1711850048	3500000049	3500000049
3013092004	2071100048		3400000049	2279280048	3300000049	3300000049	1450030048	3600000049	3600000049
3013092007	2028900048		3400000049	2098460048	3400000049	3400000049	1025730048	3500000049	3500000049
3013092010	2202600048		3300000049	1450030048	3600000049	3600000049	1676750048	3500000049	3500000049
3013092013	1508070048		3500000049	1724360048	3500000049	3500000049	1249540048	3700000049	3700000049
3013093001	1974000046		7100000049	1365700047	5300000049	5300000049	1280000047	5400000049	5400000049
3013093004	1098200047		5500000049	2060100047	5000000049	5000000049	7689000046	5800000049	5800000049
3013093007	2393900047		4900000049	2032500047	5000000049	5000000049	1742700047	5100000049	5100000049
3013093010	1384300047		5300000049	1280000047	5400000049	5400000049	1059500047	5600000049	5600000049
3013093013	5424000046		6200000049	1117600047	5500000049	5500000049	1184600047	5500000049	5500000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE			DOSAGE			DOSAGE		
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	S.E.
3013094001	2287000046	7000000049	3080800047	4700000049	3770000047	4500000049			
3013094004	1771000047	5100000049	2291800047	4900000049	2605500047	4800000049			
3013094007	3498800047	4600000049	2898300047	4700000049	3054000047	4700000049			
3013094010	1078800047	5500000049	2106300047	5000000049	1742700047	5100000049			
3013094013	1789600047	5100000049	1967000047	5000000049	8956000046	5700000049			
3013095001	2906000046	6700000049	3044300047	4700000049	1892400047	5100000049			
3013095004	1864100047	5100000049	4568700047	4400000049	2660600047	4800000049			
3013095007	1677100047	5200000049	2199400047	4900000049	4942700047	4300000049			
3013095010	2761200047	4700000049	9052000046	5700000049	1798600047	5100000049			
3013095013	1516900047	5200000049	5722000046	6100000049	1478900047	5300000049			
4013091001	1968290048	3100000049	2622230048	3000000049	2145320048	3000000049			
4013091004	2381730048	3000000049	3435540048	2900000049	2746880048	3000000049			
4013091007	2110820048	3000000049	3479720048	2900000049	2904160048	3000000049			
4013091010	2987910048	2500000049	2920110048	3000000049	2967790048	2900000049			
4013091013	2562480048	3000000049	2125950048	3000000049	2235770048	3000000049			
4013092001	1281500047	4700000049	1606300047	4500000049	1385100047	4700000049			
4013092004	1347800047	4700000049	4746000046	5600000049	2443800047	4200000049			
4013092007	2568200047	4200000049	2583900047	4200000049	3582200047	4000000049			
4013092010	3053200047	4100000049	2993600047	4100000049	3183600047	4000000049			
4013092013	3203700047	4000000049	3215700047	4000000049	3130000045	8100000049			
4013093001	1453000046	6600000049	3301000046	5900000049	4180000046	5700000049			
4013093004	1863000046	6400000049	1453000046	6600000049	4664000046	5500000049			
4013093007	5051000046	5100000049	1997000046	6300000049	1632000046	6500000049			
4013093010	2317000046	6200000049	1997000046	6300000049	1863000046	6400000049			
4013093013	1587000046	6600000049	2317000046	6200000049	6030000045	7500000049			
4013094001	1511000046	6700000049	4791000046	5600000049	2407000046	6200000049			
4013094004	4620000045	7800000049	1311000046	6700000049	1863000046	6400000049			
4013094007	4230000046	5600000049	6855000046	5200000049	2943000046	6000000049			
4013094010	7149000046	5100000049	7883000046	5100000049	5439000046	5400000049			
4013094013	6601000046	5300000049	5439000046	5400000049	7115000046	5200000049			
4013095001	1125000046	6500000049	3211000046	5900000049	8009000046	5100000049			
4013095004	3211000046	5900000049	1587000046	6600000049	4135000046	5700000049			
4013095007	4008000046	5700000049	4530000046	5600000049	4008000046	5700000049			
4013095010	8009000046	5100000049	3874000046	5700000049	1997000046	6300000049			
4013095013	7450000045	7300000049	1587000046	6600000049	3479000046	5800000049			
1014091001	6243093350	4500000049	7463998350	4600000049	5819530850	4400000049			
1014091004	5871857050	4100000049	3090351850	4000000049	1747389150	3600000049			
1014091007	5043221049	5100000049	2195500049	2900000049	9008120048	3000000049			
1014091010	7021400047	4400000049	3607600047	4900000049	1646600047	5600000049			

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
1014091013	6621000046	6100000049	1297900047	1297900047	5800000049	4560000046	6700000049		
1014092001		5400000049			5400000049		5300000049		
1014092004		5400000049			5200000049	7262083150	4600000049		
1014092007	6176313650	4500000049		2982083750	3900000049	1329198550	3400000049		
1014092010	2027191049	2900000049		1298790048	3900000049	3200800047	5000000049		
1014092013	1961700047	5400000049		1631700047	5600000049	3584000046	7000000049		
1014093001	1468257650	3500000049		1422260750	3500000049	2032475250	3700000049		
1014093004	9712502049	3300000049		2935480350	3900000049	2850648850	3900000049		
1014093007	2346017250	5800000049		1937410250	3700000049	1181183050	3400000049		
1014093010	2991013049	2900000049		5355100048	3100000049	1676400047	5500000049		
1014093013	5669100047	4500000049		2688200047	5100000049	5037000046	6600000049		
1014094001	4260000046	6700000049		3584000046	7000000049	3406110048	3300000049		
1014094004	5108040046	3200000049		7574410048	3000000049	5908010048	3100000049		
1014094007	5556120046	3100000049		3036110048	3400000049	2934490048	3400000049		
1014094010	1200810046	4000000049		3099000046	7100000049	1144400047	5900000049		
1014094013	5248400047	4200000049		4214000047	4800000049	2244900047	5300000049		
1014095001	1052000047	6000000049		7893000046	6200000049	6334110048	3100000049		
1014095004	2856110046	3400000049		5639490046	3100000049	5441050048	3300000049		
1014095007	3716130046	3300000049		2871800046	3400000049	1382900048	4900000049		
1014095010	1460800046	3800000049		0727100047	4400000049	5385300047	4600000049		
1014095013	5650800047	4900000049		2250000047	5300000049	3331900047	5000000049		
2014091001	4752775049	3000000049		4403479049	3000000049	5846645049	3000000049		
2014091004	3001200049	2900000049		1674078049	2900000049	2175719049	2900000049		
2014091007	1515750049	2900000049		0298230048	3000000049	5198420048	3100000049		
2014091010	1430590046	3800000049		3811000047	4800000049	1999000047	5400000049		
2014091013	2995000046	7100000049		8985000046	6100000049	2995000046	7100000049		
2014092001	1075680050	3300000049		9865269049	3300000049	1398473250	3500000049		
2014092004	1295445150	3400000049		1117674350	3400000049	8734919049	3200000049		
2014092007	5623348049	3100000049		3122523049	2900000049	1310155049	2900000049		
2014092010	4112870046	3200000049		7239000047	4300000049	1767300047	5500000049		
2014092013	1373100047	3700000049		1002800047	6000000049	2995000046	7100000049		
2014093001	9456200046	3000000049		1184717049	2900000049	1696229049	2900000049		
2014093004	2021403049	2900000049		3648169049	3000000049	3902398049	3000000049		
2014093007	4757675049	3000000049		3236495049	2900000049	2470970049	2900000049		
2014093010	7037870046	3000000049		1664760048	3700000049	5525400047	4500000049		
2014093013	2926600047	5000000049		1388000047	5700000049	2400600047	5200000049		
2014094001	4411000046	6700000049		3941000046	6800000049	2546310048	3500000049		
2014094004	2075860048	3600000049		2225560048	3600000049	1420160048	3800000049		
2014094007	1049940046	4000000049		1786430048	3700000049	1490640048	3800000049		

TABLE XIV-2 (Cont)

I.D.	DOSAGE			DOSAGE			DOSAGE		
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	S.E.
2014094010	3208200047	5000000049	1915320048	3700000049	1299660048	3900000049			
2014094013	4270700047	4700000049	1603810048	3800000049	4837700047	4600000049			
2014095001	3941000046	6800000049	3472000046	7000000049	2309750048	3500000049			
2014095004	7508700047	4300000049	1405780048	3800000049	9945800047	4100000049			
2014095007	8705300047	4200000049	1090170048	4000000049	1257660048	3900000049			
2014095010	1437140048	3800000049	5634900047	4500000049	1026540048	4100000049			
2014095013	9746800047	4100000049	5962700047	4500000049	3825100047	4800000049			
2014091001	5807880048	3000000049	7403570048	2900000049	8804280048	2900000049			
3014091004	1026481049	2900000049	7382560048	2900000049	4793850048	3000000049			
3014091007	2466740048	3300000049	1272410048	3600000049	4524000047	4400000049			
3014091010	7793000046	5800000049	3211000046	6600000049	3211000046	6600000049			
3014091013	3580000045	8800000049	1341000046	7500000049	2906000046	6700000049			
3014092001	2077830049	2900000049	2638072049	3000000049	3213547049	3000000049			
3014092004	2288300049	2900000049	2106570049	2900000049	1315847049	2900000049			
3014092007	6630730048	2900000049	1555980048	3500000049	1446600048	3600000049			
3014092010	3544200047	4500000049	1155600047	5500000049	2287000046	7000000049			
3014092013	5327000046	6200000049	5327000046	6200000049	1974000046	7100000049			
3014093001	3231840048	3200000049	4098340048	3100000049	9376030048	2900000049			
3014093004	1835801049	2500000049	1542352049	2900000049	1382977049	2900000049			
3014093007	9684260048	2900000049	5091060048	3000000049	3168660048	3200000049			
3014093010	4506100047	4400000049	1911100047	5000000049	2981000047	4700000049			
3014093013	1967000047	5000000049	1365700047	5300000049	1011800047	5600000049			
3014094001	1661000046	7300000049	7468500047	4000000049	4738600047	4300000049			
3014094004	5493300047	4200000049	6760700047	4100000049	7224100047	4000000049			
3014094007	8034000047	3900000049	5457500047	4200000049	6996800047	4000000049			
3014094010	8259700047	3900000049	7598800047	4000000049	3489900047	4600000049			
3014094013	6856800047	4100000049	4746800047	4300000049	3108400047	4600000049			
3014095001	1661000046	7300000049	5316000047	4200000049	3959200047	4500000049			
3014095004	5528000046	6100000049	6277900047	4100000049	2097300047	5000000049			
3014095007	4738600047	4300000049	4889800047	4300000049	5599100047	4200000049			
3014095010	2779800047	4700000049	1639100047	5200000049	2476600047	4800000049			
3014095013	5796800047	4500000049	1752400047	5100000049	2944500047	4700000049			
4014091001	3356640048	2900000049	3414530048	2900000049	2457720048	3000000049			
4014091004	2249700048	3000000049	1593080048	3100000049	7389500047	3500000049			
4014091007	4274400047	3800000049	1161500047	4800000049	1587000046	6600000049			
4014091010	1773000046	6500000049	1863000046	6400000049	1036000046	7000000049			
4014091013	1587000046	6600000049	1587000046	6600000049	3874000046	5700000049			
4014092001	9196620048	2900000049	8368640048	2900000049	5197080048	2900000049			
4014092004	4652520048	2900000049	2809000046	6000000049	2873390048	3000000049			

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
4014092007	1959650048	3100000049	9949500047	3300000049	4794400047	3800000049			
4014092010	8807000046	5000000049	1997000046	6300000049	2675000046	6100000049			
4014092013	1863000046	6400000049	1729000046	6500000049	1997000046	6300000049			
4014093001	2304540048	3000000049	2294850048	3000000049	2580660048	3000000049			
4014093004	3723280048	2900000049	7242000046	5200000049	4029650048	2900000049			
4014093007	3478680048	2900000049	4003570048	2900000049	2432090048	3000000049			
4014093010	1065360048	3300000049	2914700047	4100000049	5141000046	5500000049			
4014093013	5007000046	5500000049	1729000046	6500000049	3077000046	5900000049			
4014094001	4620000045	7800000049	2675000046	6100000049	6646000046	5300000049			
4014094004	1219700047	4800000049	1450600047	4600000049	1765800047	4500000049			
4014094007	1463300047	4600000049	2942200047	4100000049	1438700047	4600000049			
4014094010	1094500047	4800000049	1532600047	4600000049	2049000046	6300000049			
4014094013	9947000046	4900000049	1211500047	4800000049	1660000047	4500000049			
4014095001	1587000046	6600000049	7458000046	5200000049	8427000046	5100000049			
4014095004	2317000046	6200000049	3301000046	5900000049	2630000046	6100000049			
4014095007	3211000046	5900000049	4314000046	5600000049	2138000046	6300000049			
4014095010	3122000046	5900000049	1863000046	6400000049	9775000046	4900000049			
4014095013	1215200047	4800000049	7197000046	5200000049	1733000047	4500000049			
1015091001	9808010650	4800000049		5000000049	8684594250	4700000049			
1015091004	5127834550	4300000049	4149068950	4200000049	2492796650	3800000049			
1015091007	1446200050	3500000049	4842922049	3000000049	4198700049	3000000049			
1015091010	8600800048	3000000049	2296790048	3600000049	4544100047	4700000049			
1015091013	1449900047	5700000049	4560000046	6700000049	4075000046	6800000049			
1015092001	6572159450	4500000049	5844061150	4400000049	3350310050	4000000049			
1015092004	3375002750	4000000049	1355963250	3500000049	7538058049	3200000049			
1015092007	3363490049	2900000049	2532691049	2900000049	9602610048	3000000049			
1015092010	3920790048	3300000049	1063940048	4100000049	1297900047	5800000049			
1015092013	6944000046	6300000049	4075000046	6800000049	2101000046	7500000049			
1015093001	5606317550	4400000049	6020347850	4400000049	5988668650	4400000049			
1015093004	3838302950	4100000049	3800658150	4100000049	2683999450	3900000049			
1015093007	1889330150	3600000049	9766310049	3300000049	6267384049	3100000049			
1015093010	2523914049	2900000049	1333028049	2900000049	5427230048	3100000049			
1015093013	1778600048	3700000049	6277100047	4500000049	1676400047	5500000049			
1015094001	6228777050	4500000049	9593239450	4800000049	7964221450	4700000049			
1015094004	4036522750	4200000049	5383182350	4400000049	3147725050	4000000049			
1015094007	1702883150	3600000049	1804595450	3600000049	1332815750	3400000049			
1015094010	3717028049	3000000049	2368093049	2900000049	1260400049	2900000049			
1015094013	1526180048	3800000049	5810700047	4500000049	3491300047	4900000049			
1015095001	5757293250	4700000049	9307594650	4800000049	8020358550	4700000049			

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
1015095004	5169083250	43000000049	43000000049	5478400050	44000000049	44000000049	3835669250	41000000049	41000000049
1015095007	1278953350	34000000049	34000000049	1418590550	35000000049	35000000049	7847175049	32000000049	32000000049
1015095010	3926128049	30000000049	30000000049	1302548049	29000000049	29000000049	5998610048	31000000049	31000000049
1015095013	2549660048	35000000049	35000000049	1311000048	39000000049	39000000049	6375500047	44000000049	44000000049
2015091001	3127217049	29000000049	29000000049	3012374049	29000000049	29000000049	3773235049	30000000049	30000000049
2015091004	2421722049	29000000049	29000000049	1951322049	29000000049	29000000049	1934484049	29000000049	29000000049
2015091007	1416840049	29000000049	29000000049	9381470048	30000000049	30000000049	6668570048	31000000049	31000000049
2015091010	6363620048	31000000049	31000000049	2955790048	34000000049	34000000049	1072960048	40000000049	40000000049
2015091013	7265800047	43000000049	43000000049	1461100047	56000000049	56000000049	6713000046	63000000049	63000000049
2015092001	5123831049	30000000049	30000000049	7497981049	32000000049	32000000049	8377723049	32000000049	32000000049
2015092004	8066781049	32000000049	32000000049	5274907049	31000000049	31000000049	4956461049	30000000049	30000000049
2015092007	3230467049	29000000049	29000000049	2501518049	29000000049	29000000049	2049454049	29000000049	29000000049
2015092010	5714850048	31000000049	31000000049	3993880048	33000000049	33000000049	1636220048	38000000049	38000000049
2015092013	1883130048	37000000049	37000000049	1714010048	37000000049	37000000049	9919700047	41000000049	41000000049
2015093001	5905084049	31000000049	31000000049	5973622049	31000000049	31000000049	3380679049	29000000049	29000000049
2015093004	2292067049	29000000049	29000000049	9766000048	30000000049	30000000049	2113827049	29000000049	29000000049
2015093007	9256680048	30000000049	30000000049	1681343049	29000000049	29000000049	1713522049	29000000049	29000000049
2015093010	7802550048	30000000049	30000000049	4546420048	32000000049	32000000049	3046390048	34000000049	34000000049
2015093013	1236650048	39000000049	39000000049	8812500047	42000000049	42000000049	4589600047	47000000049	47000000049
2015094001	1092583049	29000000049	29000000049	1655027049	29000000049	29000000049	2141878049	29000000049	29000000049
2015094004	2075493049	29000000049	29000000049	1611009049	29000000049	29000000049	1343779049	29000000049	29000000049
2015094007	1059309049	29000000049	29000000049	1026697049	29000000049	29000000049	1368269049	29000000049	29000000049
2015094010	9965150048	29000000049	29000000049	5638150048	31000000049	31000000049	3710540048	33000000049	33000000049
2015094013	2645160048	35000000049	35000000049	1465830048	38000000049	38000000049	9119500047	41000000049	41000000049
2015095001	1196738350	34000000049	34000000049	1236093050	34000000049	34000000049	1457652450	35000000049	35000000049
2015095004	1421408150	35000000049	35000000049	1132363850	34000000049	34000000049	9460159049	33000000049	33000000049
2015095007	4010819049	30000000049	30000000049	6407030049	31000000049	31000000049	4443370049	30000000049	30000000049
2015095010	2136409049	29000000049	29000000049	8061300048	30000000049	30000000049	3874670048	33000000049	33000000049
2015095013	3396200048	33000000049	33000000049	1268160048	39000000049	39000000049	9826600047	41000000049	41000000049
3015091001	5007910048	30000000049	30000000049	5541070048	30000000049	30000000049	4323650048	31000000049	31000000049
3015091004	3973470048	31000000049	31000000049	2530740048	33000000049	33000000049	2053750048	34000000049	34000000049
3015091007	1177190048	37000000049	37000000049	5846500047	42000000049	42000000049	2843900047	47000000049	47000000049
3015091010	9246000046	57000000049	57000000049	2600000046	68000000049	68000000049	1341000046	75000000049	75000000049
3015091013	2906000046	67000000049	67000000049	1974000046	71000000049	71000000049	1974000046	71000000049	71000000049
3015092001	1474023049	29000000049	29000000049	1908503049	29000000049	29000000049	1887396049	29000000049	29000000049
3015092004	1855604049	25000000049	25000000049	1802847049	29000000049	29000000049	1853377049	29000000049	29000000049
3015092007	1199330049	29000000049	29000000049	1002409049	29000000049	29000000049	4853380048	30000000049	30000000049
3015092010	1394300048	36000000049	36000000049	5165500047	43000000049	43000000049	2449000047	48000000049	48000000049
3015092013	1155600047	55000000049	55000000049	1507300047	52000000049	52000000049	50290000046	62000000049	62000000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE		S.E.
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	
3015093001	1441829049	2900000049	1575336049	2900000049	1036108049	2900000049	2900000049
3015093004	1168087049	2900000049	9316210048	2900000049	8256060048	2900000049	2900000049
3015093007	5996380048	3000000049	5541070048	3000000049	5273670048	3000000049	3000000049
3015093010	2469200048	3300000049	1022520048	3800000049	6321800047	4100000049	4100000049
3015093013	1298600047	5400000049	1222600047	5400000049	1817900047	5100000049	5100000049
3015094001	7524640048	2900000049	6695990048	2900000049	4860540048	3000000049	3000000049
3015094004	8981970048	2900000049	4796240048	3000000049	4230220048	3100000049	3100000049
3015094007	4993680048	3000000049	2937320048	3200000049	2331140048	3300000049	3300000049
3015094010	1159310048	3700000049	3715600047	4500000049	2577900047	4800000049	4800000049
3015094013	1563900047	5200000049	1184600047	5500000049	1184600047	5500000049	5500000049
3015095001	2944887049	3000000049	3897727049	3100000049	3206626049	3000000049	3000000049
3015095004	1600221049	2900000049	1955122049	2900000049	4988910048	3000000049	3000000049
3015095007	7982480048	2900000049	8547750048	2900000049	1272812049	2900000049	2900000049
3015095010	1399370048	3600000049	1226590048	3700000049	4595500047	4300000049	4300000049
3015095013	3743200047	4500000049	1011800047	5600000049	4426000046	6300000049	6300000049
4015091001	2118420048	3000000049	1869720048	3100000049	1103280048	3300000049	3300000049
4015091004	1391170048	3200000049	6488700047	3600000049	2440100047	4200000049	4200000049
4015091007	1561600047	4600000049	1356000047	4700000049	8680000046	5000000049	5000000049
4015091010	6773000046	5300000049	2272000046	6200000049	1036000046	7000000049	7000000049
4015091013	1036000046	7000000049	1311000046	6700000049	1453000046	6600000049	6600000049
4015092001	8893800047	3400000049	8961600047	3400000049	1122210048	3300000049	3300000049
4015092004	6179500047	3600000049	1170000046	6800000049	2384200047	4200000049	4200000049
4015092007	3373600047	4000000049	3203700047	4000000049	5161800047	3700000049	3700000049
4015092010	1297900047	4700000049	5528000046	5400000049	4090000046	5700000049	5700000049
4015092013	2272000046	6200000049	3345000046	5900000049	6030000045	7500000049	7500000049
4015093001	3784000048	2900000049	5096050048	2900000049	3477630048	2900000049	2900000049
4015093004	3523900048	2900000049	5141000046	5500000049	2337770048	3000000049	3000000049
4015093007	1414270048	3200000049	1862120048	3100000049	1414270048	3200000049	3200000049
4015093010	7196500047	3500000049	5884500047	3600000049	2882600047	4100000049	4100000049
4015093013	2468400047	4200000049	1352300047	4700000049	1240500047	4700000049	4700000049
4015094001	9822400048	2900000049	6240080048	2900000049	8158240048	2900000049	2900000049
4015094004	8084700046	2900000049	5985570048	2900000049	4452320048	2900000049	2900000049
4015094007	2442750048	3000000049	1777340048	3100000049	1081000048	3300000049	3300000049
4015094010	4713200047	3800000049	3053200047	4100000049	1252400047	4700000049	4700000049
4015094013	1111600047	4800000049	6855000046	5200000049	7883000046	5100000049	5100000049
4015095001	4662870048	2900000049	4663910048	2900000049	3845770048	2900000049	2900000049
4015095004	2960340048	2900000049	2766030048	3000000049	2984780048	2900000049	2900000049
4015095007	2265870048	3000000049	1813250048	3100000049	9299100047	3400000049	3400000049
4015095010	6145200047	3600000049	3617300047	3900000049	2057800047	4400000049	4400000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
4015095013	1692800047	1223400047	4500000049	1223400047	8427000046	4800000049	8427000046	5100000049	
1016091001	1021500047	5998000046	6000000049	5998000046	1719670048	6500000049	1719670048	3700000049	
1016091004	1438410048	1986700048	3900000049	1986700048	1501890048	3600000049	1501890048	3800000049	
1016091007	1528860048	1306980048	3800000049	1306980048	1338200048	3900000049	1338200048	3900000049	
1016091010	1218540048	7470000047	4000000049	7470000047	5513400047	4300000049	5513400047	4600000049	
1016091013	3171000047	3112900047	5000000049	3112900047	1902100047	5000000049	1902100047	5400000049	
1016092001	5669100047	3584000046	4500000049	3584000046	1580040048	7000000049	1580040048	3800000049	
1016092004	2466810048	1189860048	3500000049	1189860048	9193300047	4000000049	9193300047	4200000049	
1016092007	1176220048	7329900047	4000000049	7329900047	9413800047	4300000049	9413800047	4100000049	
1016092010	4558300047	3068900047	4700000049	3068900047	2036200047	5000000049	2036200047	5400000049	
1016092013	1751600047	4185000047	5500000049	4185000047	7883000046	4800000049	7883000046	6200000049	
1016093001	2600000046	3584000046	7300000049	3584000046	2025220048	7000000049	2025220048	3600000049	
1016093004	4201830048	2435220048	3200000049	2435220048	3661960048	3500000049	3661960048	3300000049	
1016093007	2820860048	2011950048	3400000049	2011950048	2375920048	3600000049	2375920048	3500000049	
1016093010	1561190048	1534220048	3800000049	1534220048	7259800047	3800000049	7259800047	4300000049	
1016093013	4127600047	3752100047	4800000049	3752100047	5834000046	4900000049	5834000046	6500000049	
1016094001	7883000046	6944000046	6200000049	6944000046	5009030048	6300000049	5009030048	3200000049	
1016094004	5229710048	6886350048	3200000049	6886350048	4883260048	3100000049	4883260048	3200000049	
1016094007	4619730048	5700070048	3200000049	5700070048	6345440048	3100000049	6345440048	3100000049	
1016094010	2024810048	1828070048	3400000049	1828070048	1339540048	3700000049	1339540048	3900000049	
1016094013	7636800047	5015700047	4300000049	5015700047	4357100047	4600000049	4357100047	4700000049	
1016095001	9596000046	5037000046	6000000049	5037000046	7850230048	6600000049	7850230048	3000000049	
1016095004	8735800047	7395220048	4200000049	7395220048	2344330048	3000000049	2344330048	3600000049	
1016095007	4692380048	5393030048	3200000049	5393030048	3596170048	3100000049	3596170048	3300000049	
1016095010	1910780048	4701300047	3700000049	4701300047	1294760048	4700000049	1294760048	3900000049	
1016095013	6347100047	5994700047	4400000049	5994700047	6417900047	4500000049	6417900047	4400000049	
2016091001	3472000046	1051000046	7000000049	1051000046	3615800047	8100000049	3615800047	4900000049	
2016091004	4062100047	2285800047	4800000049	2285800047	2656900047	5200000049	2656900047	5100000049	
2016091007	2443000047	3321500047	5200000049	3321500047	5716800047	4900000049	5716800047	4500000049	
2016091010	2027300047	4873000046	5300000049	4873000046	8531000046	6600000049	8531000046	6100000049	
2016091013	1402200047	5335000046	5700000049	5335000046	4411000046	6600000049	4411000046	6700000049	
2016092001	1550000046	5440000045	7800000049	5440000045	4699800047	8800000049	4699800047	4700000049	
2016092004	6276400047	4478500047	4400000049	4478500047	3433200047	4700000049	3433200047	4900000049	
2016092007	3067400047	3573300047	5000000049	3573300047	2841700047	4900000049	2841700047	5100000049	
2016092010	4284800047	3136200047	4700000049	3136200047	2586100047	5000000049	2586100047	5100000049	
2016092013	4117900047	1868600047	4800000049	1868600047	7778000046	5400000049	7778000046	6200000049	
2016093001	1550000046	2518000046	7800000049	2518000046	6710700047	7300000049	6710700047	4400000049	
2016093004	6602700047	1001280048	4400000049	1001280048	1025200048	4100000049	1025200048	4100000049	
2016093007	4533700047	7212200047	4700000049	7212200047	3769200047	4300000049	3769200047	4800000049	

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
2016093010	2940700047	5000000049	50000000049	3909300047	4800000049	48000000049	2271700047	5300000049	
2016093013	4325800047	4700000049	47000000049	1940900047	5400000049	54000000049	2371500047	5200000049	
2016094001	9432000046	6000000049	60000000049	6713000046	6300000049	63000000049	1774730048	3700000049	
2016094004	1235140048	3900000049	39000000049	1429320048	3800000049	38000000049	1620650048	3800000049	
2016094007	2173190048	2600000049	26000000049	1405780048	3800000049	38000000049	1944900048	3600000049	
2016094010	1701040048	3700000049	37000000049	2153960048	3600000049	36000000049	1371800048	3900000049	
2016094013	7630100047	4300000049	43000000049	9759500047	4100000049	41000000049	4312400047	4700000049	
2016095001	8985000045	6100000049	61000000049	1550000046	7800000049	78000000049	1114010048	4000000049	
2016095004	1005230048	4100000049	41000000049	1050380048	4000000049	40000000049	1080860048	4000000049	
2016095007	6588500047	4400000049	44000000049	6941700047	4300000049	43000000049	1183970048	4000000049	
2016095010	9933100047	4100000049	41000000049	3321500047	4900000049	49000000049	8705300047	4200000049	
2016095013	5401700047	4500000049	45000000049	5030600047	4600000049	46000000049	3909300047	4800000049	
3016091001	1341000046	7500000049	75000000049	1213000047	5400000049	54000000049	1298600047	5400000049	
3016091004	2310400047	4900000049	49000000049	2906000046	6700000049	67000000049	3211000046	6600000049	
3016091007	2097300047	5000000049	50000000049	1107900047	5500000049	55000000049	2559300047	4800000049	
3016091010	1175000047	5500000049	55000000049	1661000046	7300000049	73000000049	1974000046	7100000049	
3016091013	3517000045	6600000049	66000000049	1974000046	7100000049	71000000049	1661000046	7300000049	
3016092001	1031200047	5600000049	56000000049	6221000046	6000000049	60000000049	1365700047	5300000049	
3016092004	1630200047	5200000049	52000000049	3571100047	4500000049	45000000049	1422300047	5300000049	
3016092007	2227000047	4900000049	49000000049	3199300047	46000000049	46000000049	1761300047	5100000049	
3016092010	2650900047	48000000049	48000000049	1695800047	5100000049	51000000049	9343000046	5700000049	
3016092013	3822000046	65000000049	65000000049	3822000046	6500000049	65000000049	6930000045	8100000049	
3016093001	6930000045	8100000049	81000000049	5327000046	6200000049	62000000049	3363200047	4600000049	
3016093004	2871500047	47000000049	47000000049	8278000046	58000000049	58000000049	1165300047	5500000049	
3016093007	2180800047	49000000049	49000000049	1127300047	5500000049	55000000049	2287000046	7000000049	
3016093010	1714400047	5100000049	51000000049	1298600047	5400000049	54000000049	5029000046	6200000049	
3016093013	3822000046	65000000049	65000000049	5625000046	61000000049	61000000049	2041500047	5000000049	
3016094001	1661000046	73000000049	73000000049	6751700047	4100000049	41000000049	3489900047	4600000049	
3016094004	5784600047	42000000049	42000000049	2600000046	6800000049	68000000049	6970800047	4000000049	
3016094007	5165500047	43000000049	43000000049	6629500047	4100000049	41000000049	6471500047	4100000049	
3016094010	5979100047	42000000049	42000000049	5342800047	42000000049	42000000049	5855400047	4200000049	
3016094013	4640200047	43000000049	43000000049	4782500047	4300000049	43000000049	5156500047	4300000049	
3016095001	3580000045	88000000049	88000000049	1384300047	5300000049	53000000049	5625000046	6100000049	
3016095004	8181000046	58000000049	58000000049	1460300047	53000000049	53000000049	1573600047	5200000049	
3016095007	1040800047	56000000049	56000000049	2595800047	48000000049	48000000049	3162800047	4600000049	
3016095010	9827000046	56000000049	56000000049	1059500047	5600000049	56000000049	3162800047	4600000049	
3016095013	5493300047	42000000049	42000000049	1742700047	51000000049	51000000049	5041100047	4300000049	
4016091001	1170000046	68000000049	68000000049	8940000045	71000000049	71000000049	8940000045	7100000049	
4016091004	7450000045	73000000049	73000000049	8940000045	71000000049	71000000049	1311000046	6700000049	

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
4016091007	3130000045	8100000049	1560000045	1170000046	8800000049	1170000046	6800000049		
4016091010	1729000046	6500000049	1453000046	4620000045	6600000049	4620000045	7800000049		
4016091013	1036000046	7000000049	7450000045	1729000046	7300000049	1729000046	6500000049		
4016092001	7450000045	7300000049	3032000046	3765000046	6000000049	3765000046	5800000049		
4016092004	2809000046	6000000049	5528000046	2541000046	5400000049	2541000046	6100000049		
4016092007	2809000046	6000000049	4180000046	5960000046	5700000049	5960000046	5400000049		
4016092010	5916000046	5400000049	1031900047	3606000046	4900000049	3606000046	5800000049		
4016092013	4090000046	5700000049	2407000046	6030000045	6200000049	6030000045	7500000049		
4016093001	8940000045	7100000049	2407000046	3301000046	6200000049	3301000046	5900000049		
4016093004	2407000046	6200000049	1997000046	1170000046	6300000049	1170000046	6800000049		
4016093007	1311000046	6700000049	2675000046	3032000046	6100000049	3032000046	6000000049		
4016093010	3479000046	5800000049	2675000046	3785000046	6100000049	3785000046	5800000049		
4016093013	7450000045	7300000049	2138000046	1128000047	6300000049	1128000047	4800000049		
4016094001	7450000045	7300000049	4575000046	7450000045	6000000049	7450000045	7300000049		
4016094004	4746000046	5600000049	6773000046	5789000046	5300000049	5789000046	5400000049		
4016094007	1883500047	4400000049	1565400047	2407000046	4600000049	2407000046	6200000049		
4016094010	2675000046	6100000049	7160000046	4619000046	5200000049	4619000046	5600000049		
4016094013	8218000046	5100000049	1323200047	7071000046	4700000049	7071000046	5200000049		
4016095001	7450000045	7300000049	1453000046	7920000046	6000000049	7920000046	5100000049		
4016095004	4485000046	5600000049	1170000046	3651000046	6800000049	3651000046	5800000049		
4016095007	6817000046	5200000049	2675000046	4575000046	6100000049	4575000046	5600000049		
4016095010	5573000046	5400000049	2541000046	3479000046	6100000049	3479000046	5800000049		
4016095013	1170000046	6800000049	4180000046	2451000046	5700000049	2451000046	6200000049		
1017091001	1570580048	3800000049	1024080048	4347710048	4100000049	4347710048	3200000049		
1017091004	2718790048	3500000049	3262240048	4539340048	3400000049	4539340048	3200000049		
1017091007	4366930048	3200000049	1614990048	3650410048	3800000049	3650410048	3300000049		
1017091010	2612700048	3500000049	1958760048	4558300047	3700000049	4558300047	4700000049		
1017091013	1419300047	5700000049	9909000046	2021300047	6000000049	2021300047	5400000049		
1017092001	3557430048	3300000049	3145410048	2687420048	3400000049	2687420048	3500000049		
1017092004	7909830048	3000000049	5972240046	2844410048	3100000049	2844410048	3400000049		
1017092007	3336150048	3400000049	2640190048	3149290048	3500000049	3149290048	3400000049		
1017092010	3897700048	3300000049	1226660048	5357000047	4000000049	5357000047	4600000049		
1017092013	3390000047	4900000049	7883000046	3824400047	6200000049	3824400047	4800000049		
1017093001	8129330048	3000000049	1168221049	1163110049	2900000049	1163110049	2900000049		
1017093004	1712732049	2900000049	1854964049	1709871049	2900000049	1709871049	2900000049		
1017093007	1713805049	2900000049	1314528049	1423895049	2900000049	1423895049	2900000049		
1017093010	9340640048	3000000049	7772070048	4780220048	3000000049	4780220048	3200000049		
1017093013	2379860048	3500000049	7288200047	3578500047	4300000049	3578500047	4900000049		
1017094001	4060620850	4200000049	4664775050	-3878318550	4300000049	-3878318550	4100000049		

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
1017094004	4450216950	42000000049	42000000049	2461366450	38000000049	38000000049	4704764550	43000000049	43000000049
1017094007	4983528050	43000000049	43000000049	1835849950	36000000049	36000000049	2838275650	39000000049	39000000049
1017094010	1597120650	35000000049	35000000049	2181889150	37000000049	37000000049	1401554050	35000000049	35000000049
1017094013	9026073049	32000000049	32000000049	5970813049	31000000049	31000000049	3418505049	29000000049	29000000049
1017095001		50000000049	50000000049		52000000049	52000000049		49000000049	49000000049
1017095004	4104489850	42000000049	42000000049	9893172250	48000000049	48000000049		51000000049	51000000049
1017095007		50000000049	50000000049		50000000049	50000000049	9220437050	48000000049	48000000049
1017095010	7742696350	46000000049	46000000049	4856958250	43000000049	43000000049	4180238450	42000000049	42000000049
1017095013	2095695650	37000000049	37000000049	1188589650	34000000049	34000000049	4677616049	30000000049	30000000049
2017091001	1284500047	58000000049	58000000049	3250700047	49000000049	49000000049	3699200047	48000000049	48000000049
2017091004	4270700047	47000000049	47000000049	6642900047	44000000049	44000000049	8235900047	42000000049	42000000049
2017091007	3039100047	56000000049	56000000049	3194800047	50000000049	50000000049	5839800047	45000000049	45000000049
2017091010	5989500047	45000000049	45000000049	1723300047	55000000049	55000000049	1694300047	55000000049	55000000049
2017091013	1284500047	58000000049	58000000049	1999000047	54000000049	54000000049	4873000046	66000000049	66000000049
2017092001	1505000047	56000000049	56000000049	3011500047	50000000049	50000000049	1080860048	40000000049	40000000049
2017092004	5908300047	45000000049	45000000049	5429200047	45000000049	45000000049	5812200047	45000000049	45000000049
2017092007	3152300047	50000000049	50000000049	6534200047	44000000049	44000000049	4173100047	47000000049	47000000049
2017092010	3629900047	49000000049	49000000049	5401700047	45000000049	45000000049	5634900047	45000000049	45000000049
2017092013	6071500047	45000000049	45000000049	4201400047	47000000049	47000000049	1607100047	56000000049	56000000049
2017093001	1940900047	54000000049	54000000049	2186000047	53000000049	53000000049	9466700047	41000000049	41000000049
2017093004	8758900047	42000000049	42000000049	9173200047	41000000049	41000000049	1388790048	39000000049	39000000049
2017093007	9146300047	41000000049	41000000049	1853480048	37000000049	37000000049	1306240048	39000000049	39000000049
2017093010	5209400047	46000000049	46000000049	8302900047	42000000049	42000000049	4381700047	47000000049	47000000049
2017093013	1456740048	38000000049	38000000049	5785400047	45000000049	45000000049	4907000047	46000000049	46000000049
2017094001	8127980048	30000000049	30000000049	1148753049	29000000049	29000000049	1961969049	29000000049	29000000049
2017094004	2081998049	29000000049	29000000049	1771562049	29000000049	29000000049	2017915049	29000000049	29000000049
2017094007	1863271049	29000000049	29000000049	2156578049	29000000049	29000000049	2124093049	29000000049	29000000049
2017094010	2099797049	29000000049	29000000049	1319617049	29000000049	29000000049	1946509049	29000000049	29000000049
2017094013	1025274049	29000000049	29000000049	1027048049	29000000049	29000000049	6661270048	31000000049	31000000049
2017095001	6406061049	31000000049	31000000049	6744750049	31000000049	31000000049	8821875049	33000000049	33000000049
2017095004	1002384750	33000000049	33000000049	102042750	33000000049	33000000049	1470442150	35000000049	35000000049
2017095007	1103288750	34000000049	34000000049	1165892950	34000000049	34000000049	9774052049	33000000049	33000000049
2017095010	8815192049	33000000049	33000000049	6717958049	31000000049	31000000049	5797155049	31000000049	31000000049
2017095013	4755303049	30000000049	30000000049	4436776049	30000000049	30000000049	2234444049	29000000049	29000000049
3017091001	4128000046	64000000049	64000000049	1892400047	51000000049	51000000049	5029000046	62000000049	62000000049
3017091004	9924000046	56000000049	56000000049	1280000047	54000000049	54000000049	5625000046	61000000049	61000000049
3017091007	1658500047	52000000049	52000000049	1488600047	53000000049	53000000049	1203300047	54000000049	54000000049
3017091010	1002100047	56000000049	56000000049	3822000046	65000000049	65000000049	5625000046	61000000049	61000000049
3017091013	3211000046	66000000049	66000000049	4426000046	63000000049	63000000049	7205000046	59000000049	59000000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
3017092001	9827000046	5600000049	5600000049	1356000047	5300000049	5300000049	2282900047	4900000049	4900000049
3017092004	2060100047	5000000049	5000000049	10118000 7	5600000049	5600000049	1184600047	5500000049	5500000049
3017092007	2356600047	4900000049	4900000049	1356000047	5300000049	5300000049	2116000047	5000000049	5000000049
3017092010	1470000047	5300000049	5300000049	5625000046	6100000049	6100000049	9537000046	5600000049	5600000049
3017092013	2267000046	7000000049	7000000049	8762000046	5700000049	5700000049	9246000046	5700000049	5700000049
3017093001	1648800047	5200000049	5200000049	1658500047	5200000049	5200000049	2962400047	4700000049	4700000049
3017093004	2816300047	4700000049	4700000049	2724700047	4800000049	4800000049	3035400047	4700000049	4700000049
3017093007	3706700047	4500000049	4500000049	2971300047	4700000049	4700000049	1620500047	5200000049	5200000049
3017093010	1601900047	5200000049	5200000049	1318000047	5400000049	5400000049	1733300047	5100000049	5100000049
3017093013	1002100047	5600000049	5600000049	1779900047	5100000049	5100000049	1165300047	5500000049	5500000049
3017094001	4800400047	4300000049	4300000049	1049120048	3800000049	3800000049	1212950048	3700000049	3700000049
3017094004	1701790048	3500000049	3500000049	9115800047	3900000049	3900000049	1244400048	3700000049	3700000049
3017094007	1212130048	3700000049	3700000049	8640400047	3900000049	3900000049	1232550048	3700000049	3700000049
3017094010	1286860048	3600000049	3600000049	1224880048	3700000049	3700000049	1274120048	3600000049	3600000049
3017094013	1429770048	3600000049	3600000049	9132900047	3900000049	3900000049	5493300047	4200000049	4200000049
3017095001	1112364049	3400000049	3400000049	1924127049	3400000049	3400000049	1608178049	3400000049	3400000049
3017095004	8744670048	3400000049	3400000049	2585672049	3500000049	3500000049	1498505049	3400000049	3400000049
3017095007	1999430049	3400000049	3400000049	2561912049	3500000049	3500000049	2969250049	3500000049	3500000049
3017095010	1837090049	3400000049	3400000049	1265891049	3400000049	3400000049	1275055049	3400000049	3400000049
3017095013	1364447049	3400000049	3400000049	8144160048	3400000049	3400000049	7997300048	3400000049	3400000049
4017091001	1560000045	8800000049	8800000049	1036000046	7000000049	7000000049	6030000045	7500000049	7500000049
4017091004	2719000046	6100000049	6100000049	1587000046	6600000049	6600000049	1997000046	6300000049	6300000049
4017091007	1036000046	7000000049	7000000049	1036000046	7000000049	7000000049	2407000046	6200000049	6200000049
4017091010	2138000046	6300000049	6300000049	6030000045	7500000049	7500000049	1729000046	6500000049	6500000049
4017091013	7450000045	7300000049	7300000049	1587000046	6600000049	6600000049	1863000046	6400000049	6400000049
4017092001	1863000046	6400000049	6400000049	2541000046	6100000049	6100000049	7450000045	7300000049	7300000049
4017092004	2272000046	6200000049	6200000049	2407000046	6200000049	6200000049	1453000046	6600000049	6600000049
4017092007	5394000046	5400000049	5400000049	4135000046	5700000049	5700000049	6030000045	7500000049	7500000049
4017092010	1170000046	6800000049	6800000049	7450000045	7300000049	7300000049	2138000046	6300000049	6300000049
4017092013	3561000046	5800000049	5800000049	3479000046	5800000049	5800000049	4620000045	7800000049	7800000049
4017093001	1453000046	6600000049	6600000049	3964000046	5700000049	5700000049	1453000046	6600000049	6600000049
4017093004	1036000046	7000000049	7000000049	1997000046	6300000049	6300000049	5178000046	5500000049	5500000049
4017093007	3166000046	5900000049	5900000049	4925000046	5500000049	5500000049	3964000046	5700000049	5700000049
4017093010	3651000046	5800000049	5800000049	3390000046	5900000049	5900000049	4620000045	7800000049	7800000049
4017093013	1311000046	6700000049	6700000049	1863000046	6400000049	6400000049	1438700047	4600000049	4600000049
4017094001	2585000046	6100000049	6100000049	5789000046	5400000049	5400000049	7793000046	5100000049	5100000049
4017094004	3874000046	5700000049	5700000049	1318800047	4700000049	4700000049	1289700047	4700000049	4700000049
4017094007	9693000046	4900000049	4900000049	1128000047	4800000049	4800000049	2898000046	6000000049	6000000049
4017094010	3874000046	5700000049	5700000049	8769000046	5000000049	5000000049	2407000046	6200000049	6200000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
4017094013	3032000046	6000000049	6000000049	2943000046	6000000049	6000000049	9105000046	5000000049	5000000049
4017095001	5354580048	2900000049	2900000049	6357430048	2900000049	2900000049	5921130048	2900000049	2900000049
4017095004	7236820048	2900000049	2900000049	6629530048	2900000049	2900000049	7479860048	2900000049	2900000049
4017095007	7636620048	2900000049	2900000049	6655980048	2900000049	2900000049	8344500048	2900000049	2900000049
4017095010	5286710048	2900000049	2900000049	6385000048	2900000049	2900000049	7875930048	2900000049	2900000049
4017095013	3570090048	2900000049	2900000049	2544370048	3000000049	3000000049	5580710048	2900000049	2900000049
1018091001	3171000047	5000000049	5000000049	2303700047	5300000049	5300000049	8513800047	4200000049	4200000049
1018091004	8846800047	4200000049	4200000049	2039820048	3600000049	3600000049	1244400048	4000000049	4000000049
1018091007	1088000046	8100000049	8100000049	1503230048	3800000049	3800000049	1474920048	3800000049	3800000049
1018091010	6121400047	4500000049	4500000049	1282200047	5800000049	5800000049	2761200047	5100000049	5100000049
1018091013	1616000047	5600000049	5600000049	5998000046	6500000049	6500000049	1449900047	5700000049	5700000049
1018092001	5998000046	6500000049	6500000049	1005800047	6000000049	6000000049	1411360048	3900000049	3900000049
1018092004	3039990048	3400000049	3400000049	1608280048	3800000049	3800000049	1084510048	4000000049	4000000049
1018092007	1596210048	3800000049	3800000049	1828070048	3700000049	3700000049	1906750048	3700000049	3700000049
1018092010	1437070048	3900000049	3900000049	5371100047	4600000049	4600000049	2259800047	5300000049	5300000049
1018092013	4429400047	4700000049	4700000049	1887200047	5400000049	5400000049	1850720048	3700000049	3700000049
1018093001	2985300048	3400000049	3400000049	3654210048	3300000049	3300000049	4776420048	3200000049	3200000049
1018093004	3899336049	3000000049	3000000049	4257560049	3000000049	3000000049	4922748049	3000000049	3000000049
1018093007	4317053049	3000000049	3000000049	3133945049	2900000049	2900000049	3373876049	2900000049	2900000049
1018093010	3781058049	3000000049	3000000049	3531501049	2900000049	2900000049	1817495049	2900000049	2900000049
1018093013	2093531049	2900000049	2900000049	1652978049	2900000049	2900000049	1419194049	2900000049	2900000049
1018094001	7585346050	4600000049	4600000049	6943892750	4600000049	4600000049	7355533550	4600000049	4600000049
1018094004		5100000049	5100000049	6148684850	4500000049	4500000049	7982109550	4700000049	4700000049
1018094007	5937329750	4400000049	4400000049	7082781950	4600000049	4600000049	5577679750	4400000049	4400000049
1018094010	4636689350	4300000049	4300000049	4058086150	4200000049	4200000049	2064429250	3700000049	3700000049
1018094013	1754684050	3600000049	3600000049	7991731049	3200000049	3200000049	5486220049	3100000049	3100000049
1018095001	4226635450	4900000049	4900000049	9809325650	4800000049	4800000049		4900000049	4900000049
1018095004		4200000049	4200000049	6591979450	4500000049	4500000049	9869959250	4800000049	4800000049
1018095007		4900000049	4900000049	8107183150	4700000049	4700000049	7271514150	4600000049	4600000049
1018095010	6854780850	4500000049	4500000049	4625192350	4200000049	4200000049	2339267050	3800000049	3800000049
1018095013	1703584950	3600000049	3600000049	1359544750	3500000049	3500000049		9999999999	9999999999
2018091001	1999000047	5400000049	5400000049	2841700047	5100000049	5100000049		5600000049	5600000049
2018091004	3081690047	5000000049	5000000049	2099600047	5300000049	5300000049	5921700047	4500000049	4500000049
2018091007	3667400047	5000000049	5000000049	2457200047	5200000049	5200000049	2841700047	5100000049	5100000049
2018091010	3629900047	4900000049	4900000049	4873000046	6600000049	6600000049	2727700047	5100000049	5100000049
2018091013	9432000046	6000000049	6000000049	9581000046	6000000049	6000000049	2995000046	7100000049	7100000049
2018092001	1166800047	5800000049	5800000049	1607100047	5600000049	5600000049	6887300047	4400000049	4400000049
2018092004	3643300047	4900000049	4900000049	2926600047	5000000049	5000000049	3629900047	4900000049	4900000049
2018092007	2314900047	5200000049	5200000049	4381700047	4700000049	4700000049	2614400047	5100000049	5100000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
2018092010	2400600047	5200000049	5200000049	1694300047	5500000049	5500000049	1955000047	5400000049	
2018092013	2472100047	5200000049	5200000049	6258000046	6400000049	6400000049	6258000046	6400000049	
2018093001	3893300048	3300000049	3300000049	4513110048	3200000049	3200000049	4882220048	3200000049	
2018093004	4398450048	3200000049	3200000049	3650780048	3300000049	3300000049	3997610048	3300000049	
2018093007	5110280048	3200000049	3200000049	4376170048	3200000049	3200000049	4049610048	3300000049	
2018093010	4031060048	3300000049	3300000049	2508240048	3500000049	3500000049	3583510048	3300000049	
2018093013	2382400048	3500000049	3500000049	1127200048	4000000049	4000000049	8343200047	4200000049	
2018094001	3477857049	2900000049	2900000049	4357964049	3000000049	3000000049	5480908049	3100000049	
2018094004	6530583049	3100000049	3100000049	4332885049	3000000049	3000000049	5621389049	3100000049	
2018094007	4825905049	3000000049	3000000049	6126799049	3100000049	3100000049	8746706049	3300000049	
2018094010	4425570049	3000000049	3000000049	4016116049	3000000049	3000000049	5953811049	3100000049	
2018094013	4875459049	3000000049	3000000049	3065459049	2900000049	2900000049	2632648049	2900000049	
2018095001	6991766049	3200000049	3200000049	7887557049	3200000049	3200000049	1101021550	3400000049	
2018095004	8886188049	3300000049	3300000049	1018261250	3300000049	3300000049	778889049	3200000049	
2018095007	9732224049	3300000049	3300000049	1401490750	3500000049	3500000049	1160742350	3400000049	
2018095010	1202790450	3400000049	3400000049	6281734049	3100000049	3100000049	8245498049	3200000049	
2018095013	7729918049	3200000049	3200000049	3755614049	3000000049	3000000049	4777640049	3000000049	
3018091001	1661000046	7300000049	7300000049	3211000046	6600000049	6600000049	1341000046	7500000049	
3018091004	4426000046	6300000049	6300000049	1059500047	5600000049	5600000049	5029000046	6200000049	
3018091007	5923000046	6100000049	6100000049	1870000046	7200000049	7200000049	6713000046	6900000049	
3018091010	2906000046	6700000049	6700000049	5923000046	6100000049	6100000049	1341000046	7500000049	
3018091013	1974000046	7100000049	7100000049	6221000046	6000000049	6000000049	6512000046	6000000049	
3018092001	1974000046	7100000049	7100000049	1974000046	7100000049	7100000049	7205000046	5900000049	
3018092004	7108000046	5900000049	5900000049	2162200047	4900000049	4900000049	1384300047	5300000049	
3018092007	1412600047	5300000049	5300000049	5625000046	6100000049	6100000049	2476600047	4800000049	
3018092010	8181000046	5800000049	5800000049	6512000046	6000000049	6000000049	1901400047	5000000049	
3018092013	4426000046	6300000049	6300000049	1545200047	5200000049	5200000049	1974000046	7100000049	
3018093001	5268900048	3000000049	3000000049	4294890048	3100000049	3100000049	8181930048	2900000049	
3018093004	1019150049	2900000049	2900000049	8561610048	2900000049	2900000049	8506100048	2900000049	
3018093007	8378850048	2900000049	2900000049	5741790048	3000000049	3000000049	6255740048	3000000049	
3018093010	7095710048	2900000049	2900000049	4746240048	3000000049	3000000049	3341060048	3200000049	
3018093013	2753960048	3200000049	3200000049	2702550048	3200000049	3200000049	1366440048	3600000049	
3018094001	1052588049	2900000049	2900000049	1335979049	2900000049	2900000049	1700237049	2900000049	
3018094004	1848929049	2900000049	2900000049	1319923049	2900000049	2900000049	1251265049	2900000049	
3018094007	1744218049	2900000049	2900000049	1817994049	2900000049	2900000049	1831792049	2900000049	
3018094010	1277342049	2900000049	2900000049	1377106049	2900000049	2900000049	1870282049	2900000049	
3018094013	1393355049	2900000049	2900000049	8693340048	2900000049	2900000049	1043208049	2900000049	
3018095001	6941560048	2900000049	2900000049	9118020048	2900000049	2900000049	1146220049	2900000049	
3018095004	4505290048	3000000049	3000000049	1069978049	2900000049	2900000049	8010340048	2900000049	

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
3018095007	1263291049	2900000049	2900000049	1778118049	2900000049	2900000049	2033576049	2900000049	2900000049
3018095010	1317881049	2900000049	2900000049	7915120048	2900000049	2900000049	1103796049	2900000049	2900000049
3018095013	1236513049	2900000049	2900000049	7471070048	2900000049	2900000049	9408300048	2900000049	2900000049
4018091001	4620000045	7800000049	7800000049	4620000045	7800000049	7800000049	1560000045	8800000049	8800000049
4018091004	4620000045	7800000049	7800000049			9999999999	4620000045	7800000049	7800000049
4018091007		9999999999	9999999999	1587000046	6600000049	6600000049		9999999999	9999999999
4018091010	8940000045	7100000049	7100000049			9999999999	1170000046	6800000049	6800000049
4018091013		9999999999	9999999999	1170000046	6800000049	6800000049		9999999999	9999999999
4018092001	3203700047	4000000049	4000000049	7843200047	3500000049	3500000049	2675500047	4200000049	4200000049
4018092004	5554400047	3700000049	3700000049	3656700047	3900000049	3900000049	2227000047	4300000049	4300000049
4018092007	1757600047	4500000049	4500000049	3164300047	4000000049	4000000049	1757600047	4500000049	4500000049
4018092010	1701000047	4500000049	4500000049	7965000046	5100000049	5100000049	6817000046	5200000049	5200000049
4018092013	2943000046	6000000049	6000000049	4530000046	5600000049	5600000049	6030000045	7500000049	7500000049
4018093001	8443000047	3400000049	3400000049	6229400047	3600000049	3600000049	1009480048	3300000049	3300000049
4018093004	1053140048	3300000049	3300000049	1301840048	3200000049	3200000049	1021850048	3300000049	3300000049
4018093007	2011510048	3100000049	3100000049	2249700048	3000000049	3000000049	1595240048	3100000049	3100000049
4018093010	2232490048	3000000049	3000000049	1865330048	3100000049	3100000049	2065520048	3000000049	3000000049
4018093013	1673920048	3100000049	3100000049	1630260048	3100000049	3100000049	1224430048	3100000049	3100000049
4018094001	1082120048	3300000049	3300000049	1618190048	3100000049	3100000049	1824130048	3100000049	3100000049
4018094004	2925400045	3000000049	3000000049	2417120048	3000000049	3000000049	2956090048	2900000049	2900000049
4018094007	3003780046	2900000049	2900000049	3028140048	2900000049	2900000049	2277640048	3000000049	3000000049
4018094010	3753600048	2900000049	2900000049	3181470048	2900000049	2900000049	1630260048	3100000049	3100000049
4018094013	3871920048	2900000049	2900000049	3568010048	2900000049	2900000049	3843680048	2900000049	2900000049
4018095001	1170000046	6800000049	6800000049	5268000046	5500000049	5500000049	9060000046	5000000049	5000000049
4018095004	5916000046	5400000049	5400000049	4269000046	5700000049	5700000049	9149000046	5000000049	5000000049
4018095007	5439000046	5400000049	5400000049	4135000046	5700000049	5700000049	4880000046	5500000049	5500000049
4018095010	1031900047	4900000049	4900000049	1655500047	4500000049	4500000049	1265100047	4700000049	4700000049
4018095013	2809000046	6000000049	6000000049	6042000046	5300000049	5300000049	1277800047	4700000049	4700000049
1019091001	5878635049	3100000049	3100000049	6314337049	3100000049	3100000049	6239198049	3100000049	3100000049
1019091004	5560152049	3100000049	3100000049	5037792049	3000000049	3000000049	5709901049	3100000049	3100000049
1019091007	5509518049	3100000049	3100000049	4386753049	3000000049	3000000049	4278764049	3000000049	3000000049
1019091010	3683269049	2900000049	2900000049	2226606049	2900000049	2900000049	9897280048	3000000049	3000000049
1019091013	6687490048	3100000049	3100000049	5495470048	3100000049	3100000049	2110150048	3600000049	3600000049
1019092001	1876126250	3600000049	3600000049	1956518050	3700000049	3700000049	2214422850	3700000049	3700000049
1019092004	1718480150	3600000049	3600000049	2260458550	3800000049	3800000049	1479215950	3500000049	3500000049
1019092007	1309325550	3400000049	3400000049	1314950050	3400000049	3400000049	1017563850	3300000049	3300000049
1019092010	9943716049	3300000049	3300000049	6786302049	3100000049	3100000049	4375823049	3000000049	3000000049
1019092013	3787592049	3000000049	3000000049	1436904049	2900000049	2900000049	1732424049	2900000049	2900000049
1019093001	4975519350	4300000049	4300000049	5178526050	4300000049	4300000049	4657465250	4300000049	4300000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
1019093004	4862526150	43000000049	43000000049	5712268550	44000000049	44000000049	6183221950	45000000049	45000000049
1019093007	4925390350	43000000049	43000000049	3596659050	41000000049	41000000049	3808990150	41000000049	41000000049
1019093010	2989650550	39000000049	39000000049	2076464950	37000000049	37000000049	1262895850	34000000049	34000000049
1019093013	8863285049	32000000049	32000000049	5724393049	31000000049	31000000049	6236181049	31000000049	31000000049
1019094001	3911642750	41000000049	41000000049	4050267550	42000000049	42000000049	4229073250	42000000049	42000000049
1019094004	4699944750	43000000049	43000000049	4484710850	42000000049	42000000049	4603680250	42000000049	42000000049
1019094007	3211008050	40000000049	40000000049	3427534550	40000000049	40000000049	2583722850	38000000049	38000000049
1019094010	2316845250	38000000049	38000000049	1990748250	37000000049	37000000049	1488659550	35000000049	35000000049
1019094013	8385599049	32000000049	32000000049	5269863049	30000000049	30000000049	5005233049	30000000049	30000000049
1019095001	7409379049	32000000049	32000000049	8163296049	32000000049	32000000049	9102799049	33000000049	33000000049
1019095004	1730636049	29000000049	29000000049	8576237049	32000000049	32000000049	9872243049	33000000049	33000000049
1019095007	6808683049	31000000049	31000000049	6588012049	31000000049	31000000049	5310126049	30000000049	30000000049
1019095010	4081897049	30000000049	30000000049	2569852049	29000000049	29000000049	1811780049	29000000049	29000000049
1019095013	9746330048	30000000049	30000000049	5847510048	31000000049	31000000049	3704580048	33000000049	33000000049
2019091004	5367250048	31000000049	31000000049	9986460048	29000000049	29000000049	5524750048	31000000049	31000000049
2019091007	5777030048	31000000049	31000000049	4996280048	32000000049	32000000049	6236360048	31000000049	31000000049
2019091010	5831790048	31000000049	31000000049	4849060048	32000000049	32000000049	4042240048	33000000049	33000000049
2019091013	2698300048	35000000049	35000000049	2679380048	35000000049	35000000049	2857450048	34000000049	34000000049
2019092001	2175720048	36000000049	36000000049	1877990048	37000000049	37000000049	1370460048	39000000049	39000000049
2019092004	9901150048	29000000049	29000000049	9274480048	30000000049	30000000049	8871030048	30000000049	30000000049
2019092007	7931960048	30000000049	30000000049	7824080048	30000000049	30000000049	1006104049	29000000049	29000000049
2019092010	9459850048	30000000049	30000000049	6403550048	31000000049	31000000049	8767400048	30000000049	30000000049
2019092013	7153600048	30000000049	30000000049	5842750048	31000000049	31000000049	5334240048	31000000049	31000000049
2019093001	6483500048	31000000049	31000000049	5385580048	31000000049	31000000049	4109140048	32000000049	32000000049
2019093004	3648505049	30000000049	30000000049	4945971049	30000000049	30000000049	3629193049	30000000049	30000000049
2019093007	3860258049	30000000049	30000000049	3840335049	30000000049	30000000049	3534563049	29000000049	29000000049
2019093010	5059339049	30000000049	30000000049	2832949049	29000000049	29000000049	2273664049	29000000049	29000000049
2019093013	2299227049	29000000049	29000000049	3288716049	29000000049	29000000049	2051167049	29000000049	29000000049
2019094001	2059050049	29000000049	29000000049	1403220049	29000000049	29000000049	1298234049	29000000049	29000000049
2019094004	3412083049	29000000049	29000000049	3604881049	30000000049	30000000049	3592558049	30000000049	30000000049
2019094007	1932420049	29000000049	29000000049	2786741049	29000000049	29000000049	3123865049	29000000049	29000000049
2019094010	2464861049	29000000049	29000000049	2979092049	29000000049	29000000049	2307065049	29000000049	29000000049
2019094013	2344862049	29000000049	29000000049	2193823049	29000000049	29000000049	1799859049	29000000049	29000000049
2019095001	1620717049	29000000049	29000000049	1314357049	29000000049	29000000049	7914010048	30000000049	30000000049
2019095004	4423400047	47000000049	47000000049	2138200047	50000000049	50000000049	1392230048	39000000049	39000000049
2019095007	6887300047	40000000049	40000000049	8691800047	42000000049	42000000049	6112500047	44000000049	44000000049
2019095010	3825100047	48000000049	48000000049	4478500047	47000000049	47000000049	4201400047	47000000049	47000000049
2019095013	1810500047	54000000049	54000000049	4478500047	47000000049	47000000049	3377300047	49000000049	49000000049
2019095016	4611100047	47000000049	47000000049	2013100047	54000000049	54000000049	1446200047	56000000049	56000000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
3019091001	17894800048	35000000049	17419500048	35000000049	16968000048	35000000049
3019091004	19642000048	34000000049	16641600048	35000000049	13385000048	36000000049
3019091007	19043700048	34000000049	13816400048	36000000049	13909500048	36000000049
3019091010	14954800048	36000000049	16088800048	35000000049	94689000047	38000000049
3019091013	14373700048	36000000049	10285500048	38000000049	62428000047	41000000049
3019092001	16289900048	35000000049	17494700048	35000000049	23360500048	33000000049
3019092004	19367800048	34000000049	16465800048	35000000049	20811000048	34000000049
3019092007	22149800048	33000000049	19517500048	34000000049	14264100048	36000000049
3019092010	14188100048	36000000049	11482800048	37000000049	16264600048	35000000049
3019092013	11218300048	37000000049	84758000047	39000000049	10645400048	38000000049
3019093001	10647180049	29000000049	89773500048	29000000049	11983440049	29000000049
3019093004	11498630049	29000000049	11138390049	29000000049	10665510049	29000000049
3019093007	99828100048	29000000049	78431500048	29000000049	92700900048	29000000049
3019093010	93323000048	29000000049	96842600048	29000000049	60104600048	30000000049
3019093013	70186700048	29000000049	53399800048	30000000049	58715000048	30000000049
3019094001	48795300048	30000000049	60975600048	30000000049	61634200048	30000000049
3019094004	86125000048	29000000049	79476800048	29000000049	10432080049	29000000049
3019094007	53852700048	29000000049	77340000048	29000000049	67755600048	29000000049
3019094010	47414700048	30000000049	70630800048	29000000049	50482900048	30000000049
3019094013	55977700048	30000000049	38507600048	31000000049	33991800048	31000000049
3019095001	38220000046	65000000049	27612000047	47000000049	29080000047	47000000049
3019095004	11176000047	55000000049	47028000047	43000000049	31903000047	46000000049
3019095007	41388000047	44000000049	51118000047	43000000049	57586000047	42000000049
3019095010	29989000047	47000000049	23656000047	49000000049	23194000047	49000000049
3019095013	19297000047	50000000049	16205000047	52000000049	27798000047	47000000049
4019091001	75850000046	52000000049	12323000047	48000000049	10446000047	49000000049
4019091004	15616000047	46000000049	16190000047	45000000049	16436000047	45000000049
4019091007	13433000047	47000000049	16928000047	45000000049	17166000047	45000000049
4019091010	19647000047	44000000049	24438000047	42000000049	22396000047	43000000049
4019091013	25243000047	42000000049	25481000047	42000000049	17129000047	45000000049
4019092001	39428000047	39000000049	39190000047	39000000049	45002000047	38000000049
4019092004	49844000047	37000000049	50075000047	37000000049	68545000047	35000000049
4019092007	50612000047	37000000049	49919000047	37000000049	34563000047	40000000049
4019092010	46283000047	38000000049	32350000047	40000000049	35703000047	40000000049
4019092013	31404000047	40000000049	32037000047	40000000049	51410000046	55000000049
4019093001	34607900048	29000000049	32659600048	29000000049	30874500048	29000000049
4019093004	38457700048	29000000049	36309700048	29000000049	51990900048	29000000049
4019093007	37012200048	29000000049	31434700048	29000000049	28701900048	30000000049
4019093010	44606600048	29000000049	26606300048	30000000049	33366800048	29000000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
4019093013	2928530048	3000000049	3000000049	1302960048	3200000049	3200000049	3020760048	2900000049	
4019094001	5254100047	3700000049	3700000049	9186600047	3400000049	3400000049	1854520048	3100000049	
4019094004	1906530048	3100000049	3100000049	1609470048	3100000049	3100000049	1852360048	3100000049	
4019094007	1708790048	3100000049	3100000049	1635700048	3100000049	3100000049	1625870048	3100000049	
4019094010	1267570048	3200000049	3200000049	1198870048	3300000049	3300000049	7809700047	3500000049	
4019094013	8488400047	3400000049	3400000049	1684800048	3100000049	3100000049	1846920048	3100000049	
4019095001	7450000045	7300000049	7300000049	2943000046	6000000049	6000000049	7793000046	5100000049	
4019095004	1587000046	6600000049	6600000049	5789000046	5400000049	5400000049	4269000046	5700000049	
4019095007	4180000046	5700000049	5700000049	3651000046	5800000049	5800000049	4485000046	5600000049	
4019095010	2138000046	5300000049	5300000049	2943000046	6000000049	6000000049	2675000046	6100000049	
4019095013	8940000045	7100000049	7100000049	1863000046	6400000049	6400000049	6557000046	5300000049	
1020091001	1388000047	6700000049	6700000049	6191000046	7600000049	7600000049	5019500047	5400000049	
1020091004	7659200047	5100000049	5100000049	7307500047	5100000049	5100000049	7049000047	5100000049	
1020091007	1570580048	4500000049	4500000049	5516400047	5400000049	5400000049	4971800047	5500000049	
1020091010	2144300047	6300000049	6300000049	4127600047	4800000049	4800000049	1525900047	5600000049	
1020091013	1021500047	6000000049	6000000049	3584000046	7000000049	7000000049	2101000046	7500000049	
1020092001	5938000046	7700000049	7700000049	1694630048	9999999999	9999999999	1298640048	4600000049	
1020092004	1820700048	4300000049	4300000049	7260600047	4400000049	4400000049	7847000047	5000000049	
1020092007	1247750048	4500000049	4500000049	2700800047	5100000049	5100000049	5469500047	5400000049	
1020092010	3398200047	5800000049	5800000049	1066900047	6000000049	6000000049	3158300047	5900000049	
1020092013	1559400047	6600000049	6600000049	4426000046	7000000049	7000000049	1338900047	6800000049	
1020093001	4932000046	7900000049	7900000049	4106540048	8000000049	8000000049	4137900048	3800000049	
1020093004	5986240048	3600000049	3600000049	2012770048	3800000049	3800000049	2918910048	4000000049	
1020093007	5206840048	3700000049	3700000049	1430210048	4300000049	4300000049	2613370048	4100000049	
1020093010	2208870048	4200000049	4200000049	1828400047	4500000049	4500000049	9622400047	4900000049	
1020093013	6036500047	5300000049	5300000049	2377000046	6400000049	6400000049	1706200047	6500000049	
1020094001	5178000046	7800000049	7800000049	1216918049	8700000049	8700000049	8120000045	1000000050	
1020094004	1084976049	3400000049	3400000049	6692190048	3400000049	3400000049	1247339049	3400000049	
1020094007	8618680048	3500000049	3500000049	3732070048	3600000049	3600000049	6389320048	3600000049	
1020094010	5657970048	3700000049	3700000049	9412300047	3900000049	3900000049	1676230048	4400000049	
1020094013	1884770048	4300000049	4300000049	1863000046	4900000049	4900000049	4805600047	5500000049	
1020095001	3405000046	8300000049	8300000049	9081440048	9000000049	9000000049	8627470048	3500000049	
1020095004	3419590048	3900000049	3900000049	6132500048	3500000049	3500000049	6924120048	3600000049	
1020095007	8335490048	3500000049	3500000049	1570580048	3600000049	3600000049	4426460048	3800000049	
1020095010	3288980048	4000000049	4000000049	2628600047	4500000049	4500000049	1559110048	4500000049	
1020095013	1004110048	4800000049	4800000049	3472000046	6100000049	6100000049	3350500047	5800000049	
2020091001	1550000046	7800000049	7800000049	4873000046	7000000049	7000000049	1210700047	5800000049	
2020091004	8985000046	6100000049	6100000049	3699200047	6600000049	6600000049	9432000046	6000000049	
2020091007	1476000047	5600000049	5600000049		4800000049	4800000049	3699200047	4800000049	

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
2020091010	2428900047	5200000049	1210700047	1825400047	5800000049	1738200047	5400000049		
2020091013	4782500047	4600000045	1550000046	1738200047	7800000049	2343200047	5500000049		
2020092001	2034000046	7500000049	1550000046	2343200047	7800000049	1950000047	5200000049		
2020092004	2386400047	5200000049	1781400047	1950000047	5500000049	1122100047	5400000049		
2020092007	1032600047	5900000049	6258000046	6400000049	6400000049	1122100047	5900000049		
2020092010	1999000047	5400000049	1166800047	5800000049	5800000049	1476000047	5600000049		
2020092013	6713000046	6300000049	3941000046	6800000049	6800000049	5440000045	8000000049		
2020093001	1051000046	8100000049	1550000046	7800000049	7800000049	4533700047	4700000049		
2020093004	5778000047	4600000049	9933100047	4100000049	4100000049	8249300047	4200000049		
2020093007	7279200047	4300000049	1100750048	4500000049	4500000049	7643600047	4300000049		
2020093010	4271400047	4700000049	2642700047	5100000049	5100000049	5935100047	4500000049		
2020093013	3741700047	4800000049	2813300047	9999999999	9999999999	2940700047	5000000049		
2020094001	3472000046	7000000049	2618580048	3500000049	3500000049	2527310048	3500000049		
2020094004	1728240048	3700000049	2781750048	3400000049	3400000049	2125800048	3600000049		
2020094007	3781470048	3300000049	2936870048	3400000049	3400000049	2129670048	3600000049		
2020094010	2267660048	3600000049	4533700047	4700000049	4700000049	2129670048	3600000049		
2020094013	1611560048	3800000049	1550000046	7800000049	7800000049	7076600047	4300000049		
2020095001	2995000046	7100000049	1550000046	1852210046	3700000049	1852210046	3700000049		
2020095004	1631080048	3800000049	1227410048	3900000049	3900000049	1310180048	3900000049		
2020095007	1124520048	4000000049	1910180048	3700000049	3700000049	7805200047	4300000049		
2020095010	2642700047	5100000049	6303200047	4400000049	4400000049	9013050047	4200000049		
2020095013	1227410048	3900000049	7563100047	4300000049	4300000049	5319000047	4600000049		
3020091001	1341000046	7500000049	1974000046	7100000049	7100000049	2287000046	7000000049		
3020091004	2906000046	6700000049	5327000046	6200000049	6200000049	3517000046	6600000049		
3020091007	5029000046	6200000049	1974000046	7100000049	7100000049	3517000046	6600000049		
3020091010	1336600047	5300000049	2600000046	6800000049	6800000049	1341000046	7500000049		
3020091013	6930000045	8100000049	6930000045	8100000049	8100000049	3517000046	6600000049		
3020092001	1661000046	7300000049	1011800047	5600000049	5600000049	1403700047	6600000049		
3020092004	2287000046	7000000049	7004000046	5900000049	5900000049	6117000046	6000000049		
3020092007	2287000046	7000000049	8471000046	5800000049	5800000049	5327000046	6200000049		
3020092010	5029000046	6200000049	5029000046	6200000049	6200000049	5722000046	6100000049		
3020092013	5029000046	6200000049	5029000046	6200000049	6200000049	6930000045	8100000049		
3020093001	1341000046	7500000049	2245600047	4900000049	4900000049	3353500047	4600000049		
3020093004	3407900047	4600000049	2807400047	4700000049	4700000049	2540600047	4800000049		
3020093007	1117600047	5500000049	1470000047	5300000049	5300000049	1974000046	7100000049		
3020093010	3007800047	4700000049	1695800047	5100000049	5100000049	1213000047	5400000049		
3020093013	2051100047	5000000049	7398000046	5900000049	5900000049	1002100047	5600000049		
3020094001	1341000046	7500000049	6944700047	4000000049	4000000049	6944700047	4000000049		
3020094004	7677100047	4600000049	6550500047	4100000049	4100000049	9159000047	3900000049		

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.		DOSAGE		S.E.		DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M	S.E.	S.E.	GM SEC/CU.M	GM SEC/CU.M	S.E.	S.E.	GM SEC/CU.M	GM SEC/CU.M	S.E.
3020094007	1101270048	37000000049	9365400047	38000000049	1167860048	37000000049	1167860048	37000000049	1167860048	37000000049	37000000049
3020094010	8951900047	39000000049	7912500047	40000000049	5440400047	42000000049	5440400047	42000000049	5440400047	42000000049	42000000049
3020094013	9959200047	38000000049	5200500047	43000000049	4264700047	44000000049	4264700047	44000000049	4264700047	44000000049	44000000049
3020095001	2906000046	67000000049	2078700047	50000000049	4452500047	44000000049	4452500047	44000000049	4452500047	44000000049	44000000049
3020095004	9149000046	57000000049	5652800047	42000000049	1855200047	51000000049	1855200047	51000000049	1855200047	51000000049	51000000049
3020095007	2633000047	48000000049	4076200047	44000000049	3344600047	46000000049	3344600047	46000000049	3344600047	46000000049	46000000049
3020095010	1545200047	52000000049	2022800047	50000000049	2522800047	48000000049	2522800047	48000000049	2522800047	48000000049	48000000049
3020095013	2605500047	48000000049	9440000046	57000000049	4103000047	44000000049	4103000047	44000000049	4103000047	44000000049	44000000049
4020091001	3130000045	81000000049	8940000045	71000000049	8940000045	71000000049	8940000045	71000000049	8940000045	71000000049	71000000049
4020091004	3130000045	81000000049	8940000045	71000000049	6030000045	75000000049	6030000045	75000000049	6030000045	75000000049	75000000049
4020091007	8940000045	99999999999	8940000045	99999999999	99999999999	99999999999	99999999999	99999999999	99999999999	99999999999	99999999999
4020091010	8940000045	71000000049	8940000045	71000000049	4620000045	78000000049	4620000045	78000000049	4620000045	78000000049	78000000049
4020091013	99999999999	99999999999	3130000045	81000000049	99999999999	99999999999	99999999999	99999999999	99999999999	99999999999	99999999999
4020092001	4620000045	78000000049	1170000046	68000000049	1997000046	63000000049	1997000046	63000000049	1997000046	63000000049	63000000049
4020092004	4620000045	78000000049	1170000046	68000000049	1170000046	68000000049	1170000046	68000000049	1170000046	68000000049	68000000049
4020092007	1170000046	99999999999	7450000045	73000000049	4620000045	99999999999	4620000045	99999999999	4620000045	99999999999	99999999999
4020092010	7450000045	68000000049	4620000045	78000000049	2541000046	63000000049	2541000046	63000000049	2541000046	63000000049	63000000049
4020092013	4620000045	78000000049	1036000046	70000000049	2138000046	99999999999	2138000046	99999999999	2138000046	99999999999	99999999999
4020093001	2138000046	63000000049	1587000046	99999999999	7450000045	73000000049	7450000045	73000000049	7450000045	73000000049	73000000049
4020093004	1170000046	68000000049	2675000046	61000000049	1453000046	66000000049	1453000046	66000000049	1453000046	66000000049	66000000049
4020093007	4575000046	56000000049	6132000046	53000000049	5960000046	54000000049	5960000046	54000000049	5960000046	54000000049	54000000049
4020094001	5026000046	54000000049	4962000046	55000000049	4441000046	56000000049	4441000046	56000000049	4441000046	56000000049	56000000049
4020094004	2719000046	61000000049	3740000046	58000000049	2943000046	60000000049	2943000046	60000000049	2943000046	60000000049	60000000049
4020094007	9567000046	50000000049	8769000046	50000000049	8551000046	50000000049	8551000046	50000000049	8551000046	50000000049	50000000049
4020095001	1036000046	70000000049	1863000046	64000000049	3166000046	59000000049	3166000046	59000000049	3166000046	59000000049	59000000049
4020095004	4620000045	78000000049	1997000046	63000000049	3830000046	58000000049	3830000046	58000000049	3830000046	58000000049	58000000049
4020095007	2675000046	61000000049	1863000046	64000000049	1729000046	65000000049	1729000046	65000000049	1729000046	65000000049	65000000049
4020095010	1453000046	66000000049	1863000046	64000000049	2675000046	61000000049	2675000046	61000000049	2675000046	61000000049	61000000049
4020095013	1170000046	68000000049	1311000046	67000000049	5916000046	54000000049	5916000046	54000000049	5916000046	54000000049	54000000049
1021091001	1934770048	37000000049	1910780048	37000000049	2411520048	35000000049	2411520048	35000000049	2411520048	35000000049	35000000049
1021091004	1645910048	38000000049	2486560048	35000000049	1573340048	38000000049	1573340048	38000000049	1573340048	38000000049	38000000049
1021091007	1464110048	38000000049	9068100047	42000000049	1435730048	39000000049	1435730048	39000000049	1435730048	39000000049	39000000049
1021091010	4901700047	46000000049	9745400047	41000000049	3112900047	50000000049	3112900047	50000000049	3112900047	50000000049	50000000049
1021091013	1826900047	55000000049	3099000046	71000000049	4560000046	67000000049	4560000046	67000000049	4560000046	67000000049	67000000049
1021092001	2340300048	36000000049	2498400048	35000000049	1781280048	37000000049	1781280048	37000000049	1781280048	37000000049	37000000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
1021092004	1418140048	3900000049	2454970048	3500000049	2253200048	3600000049	2482610048	3600000049	3600000049
1021092007	2090260048	3600000049	1854750048	3700000049	2482610048	3500000049	6825500047	3500000049	3500000049
1021092010	1022740048	4100000049	7958000047	4300000049	6825500047	4400000049	2658400047	4400000049	4400000049
1021092013	1297900047	5800000049	3592700047	4900000049	2658400047	5100000049	4651733049	3000000049	3000000049
1021093001	5735500049	3100000049	7887639049	3200000049	4651733049	2900000049	2405778049	2900000049	2900000049
1021093004	3980719049	3000000049	2990663049	2900000049	1806781049	2900000049	1143338049	2900000049	2900000049
1021093007	2134629049	2900000049	1917325049	2900000049	1143338049	2900000049	6717520048	3100000049	3100000049
1021093010	1655035049	2900000049	1519151049	2900000049	6717520048	4800000049	9570193350	4800000049	4800000049
1021093013	7264470048	3000000049	1039356049	2900000049	9570193350	4800000049	9511043150	4400000049	4400000049
1021094001	7434380150	4600000049		4900000049	9511043150	4800000049	5840282950	3800000049	3800000049
1021094004	6921033650	4600000049		4200000049	5840282950	3200000049	2425652750	5200000049	5200000049
1021094007	7139637350	4600000049		4100000049	2425652750	3200000049	7245287049	5100000049	5100000049
1021094010	3915253350	4100000049		5300000049	7245287049	5200000049		4800000049	4800000049
1021094013	1635854750	3600000049		4700000049		4800000049		4800000049	4800000049
1021095001		5300000049		5100000049		4800000049		4800000049	4800000049
1021095004	8571515250	4700000049		5200000049		4800000049		4800000049	4800000049
1021095007		5100000049		4300000049		4800000049		4800000049	4800000049
1021095010	7509838050	4600000049		3600000049		4800000049		4800000049	4800000049
1021095013	1710794150	3600000049		5600000049		4800000049		4800000049	4800000049
2021091001	1490100047	6100000049		5600000049		4800000049		4800000049	4800000049
2021091004	8680000046	6100000049		5200000049		4800000049		4800000049	4800000049
2021091007	1549000047	5600000049		5700000049		4800000049		4800000049	4800000049
2021091010	2443000047	5200000049		5100000049		4800000049		4800000049	4800000049
2021091013	1314300047	5700000049		4700000049		4800000049		4800000049	4800000049
2021092001	2799200047	5100000049		4600000049		4800000049		4800000049	4800000049
2021092004	2813300047	5100000049		5300000049		4800000049		4800000049	4800000049
2021092007	4644700047	4700000049		4100000049		4800000049		4800000049	4800000049
2021092010	5071600047	4600000049		4300000049		4800000049		4800000049	4800000049
2021092013	2257500047	5300000049		4400000049		4800000049		4800000049	4800000049
2021093001	2228500047	5300000049		4700000049		4800000049		4800000049	4800000049
2021093004	1022520048	4100000049		3657500047		4800000049		4800000049	4800000049
2021093007	7549700047	4300000049		5640283049		3100000049		4800000049	4800000049
2021093010	6683900047	4400000049		5607061049		3100000049		4800000049	4800000049
2021093013	4492700047	4700000049		7720947049		3200000049		4800000049	4800000049
2021094001	5563073049	3100000049		5723953049		3100000049		4800000049	4800000049
2021094004	6949872049	3200000049		3924623049		3000000049		4800000049	4800000049
2021094007	3931925049	3000000049						4800000049	4800000049
2021094010	5521998049	3100000049						4800000049	4800000049
2021094013	5151644049	3000000049						4800000049	4800000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE			DOSAGE			DOSAGE		
	GM SEC/CU.M	S.E.		GM SEC/CU.M	S.E.		GM SEC/CU.M	S.E.	
2021095001	8751810049	33000000049		1156659450	34000000049		1265005050	34000000049	
2021095004	1460322050	35000000049		1134219850	34000000049		1153643450	34000000049	
2021095007	1291290750	34000000049		1309434350	35000000049		1034662950	33000000049	
2021095010	1078210850	34000000049		7049099049	32000000049		7288821049	32000000049	
2021095013	5709954049	31000000049		3569566049	29000000049			9999999999	
3021091001	1021000046	78000000049		4128000046	64000000049		3211000046	66000000049	
3021091004	4128000046	64000000049		8181000046	58000000049		1384300047	53000000049	
3021091007	8568000046	57000000049		8278000046	58000000049		1165300047	55000000049	
3021091010	1516900047	52000000049		5923000046	61000000049		9440000046	57000000049	
3021091013	4329000046	64000000049		4731000046	63000000049		1661000046	73000000049	
3021092001	1974000046	71000000049		1563900047	52000000049		5923000046	61000000049	
3021092004	9343000046	57000000049		2411800047	49000000049		1203300047	54000000049	
3021092007	1667400047	52000000049		1488600047	53000000049		2051100047	50000000049	
3021092010	1021500047	56000000049		1327700047	54000000049		1346300047	53000000049	
3021092013	1175000047	55000000049		5424000046	62000000049		1651000046	73000000049	
3021093001	7890000046	58000000049		1175000047	55000000049		2338000047	49000000049	
3021093004	3498800047	46000000049		4147700047	44000000049		2365600047	49000000049	
3021093007	1733000047	51000000049		1573600047	52000000049		1460300047	53000000049	
3021093010	2586800047	48000000049		3480900047	46000000049		2393900047	49000000049	
3021093013	2633000047	48000000049		1450600047	53000000049		1658500047	52000000049	
3021094001	1287766049	29000000049		1678333049	29000000049		1864947049	29000000049	
3021094004	1707159049	29000000049		1632474049	29000000049		1516744049	29000000049	
3021094007	1744442049	29000000049		1572870049	29000000049		1463674049	29000000049	
3021094010	1094885049	29000000049		1167178049	29000000049		1055568049	29000000049	
3021094013	9569300048	29000000049		5056670048	30000000049		4486220048	30000000049	
3021095001	1974000046	71000000049		3290094049	30000000049		2979435049	30000000049	
3021095004	1094662049	29000000049		3660791049	31000000049		1976632049	29000000049	
3021095007	2127342049	29000000049		2883136049	30000000049		3508233049	31000000049	
3021095010	1620159049	29000000049		8263070048	29000000049		1129806049	29000000049	
3021095013	7508320048	29000000049		5339980048	30000000049		5380210048	30000000049	
4021091001	1311000046	67000000049		1170000046	68000000049		1729000046	65000000049	
4021091004	2675000046	61000000049		1311000046	67000000049		1453000046	66000000049	
4021091007	1170000046	68000000049		1036000046	70000000049		2138000046	63000000049	
4021091010	2272000046	62000000049		1311000046	67000000049		8940000045	71000000049	
4021091013	6030000045	75000000049		1036000046	70000000049		1453000046	66000000049	
4021092001	1036000046	70000000049		1863000046	64000000049		1997000046	63000000049	
4021092004	3390000046	59000000049		1587000046	66000000049		2675000046	61000000049	
4021092007	1863000046	64000000049		5007000046	55000000049		4441000046	56000000049	
4021092010	2585000046	61000000049		1997000046	63000000049		1311000046	67000000049	

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
4021092013	2407000046	6200000049	6200000049	1453000046	6600000049	6600000049	7450000045	7300000049	7300000049
4021093001	3964000046	5700000049	5700000049	2272000046	6200000049	6200000049	5484000046	5400000049	5400000049
4021093004	7495000046	5200000049	5200000049	8940000045	7100000049	7100000049	5141000046	5500000049	5500000049
4021093007	2541000046	6100000049	6100000049	9231000046	5000000049	5000000049	4835000046	5500000049	5500000049
4021093010	5871000046	5400000049	5400000049	4396000046	5600000049	5600000049	4925000046	5500000049	5500000049
4021093013	4441000046	5600000049	5600000049	2407000046	6200000049	6200000049	3695000046	5800000049	5800000049
4021094001	2003980048	3100000049	3100000049	3314470048	2900000049	2900000049	4557150048	2900000049	2900000049
4021094004	3816490048	2900000049	2900000049	4993900048	2900000049	2900000049	5595090048	2900000049	2900000049
4021094007	4615190048	2900000049	2900000049	5550980048	2900000049	2900000049	3562720048	2900000049	2900000049
4021094010	2856400048	3000000049	3000000049	3634100048	2900000049	2900000049	1284180048	3200000049	3200000049
4021094013	1295210048	3200000049	3200000049	1667370048	3100000049	3100000049	2517630048	3000000049	3000000049
4021095001	4116220048	2900000049	2900000049	5213540048	2900000049	2900000049	7045190048	2900000049	2900000049
4021095004	7265210048	2900000049	2900000049	8172390048	2900000049	2900000049	8864920048	2900000049	2900000049
4021095007	9388770048	2900000049	2900000049	8506400048	2900000049	2900000049	8131040048	2900000049	2900000049
4021095010	5666910048	2900000049	2900000049	6126690048	2900000049	2900000049	8037310048	2900000049	2900000049
4021095013	3431360048	2900000049	2900000049	2294850048	3000000049	3000000049	4325510048	2900000049	2900000049
1022091001	2885600047	5000000049	5000000049	1182400047	6900000049	6900000049	1586680048	4500000049	4500000049
1022091004	3356560048	3900000049	3900000049	9226100047	4900000049	4900000049	7064600047	5100000049	5100000049
1022091007	1356380048	4600000049	4600000049	1928210048	4300000049	4300000049	5957500047	5300000049	5300000049
1022091010	5918700047	5300000049	5300000049	2781300047	6000000049	6000000049	1469300047	5700000049	5700000049
1022091013	2031000047	6300000049	6300000049	2144300047	6300000049	6300000049	1001400047	7100000049	7100000049
1022092001	2405785049	3400000049	3400000049	2413042049	3400000049	3400000049	2919249049	3400000049	3400000049
1022092004	4033647049	3500000049	3500000049	3363661049	3400000049	3400000049	3727429049	3500000049	3500000049
1022092007	3893472049	3500000049	3500000049	4881091049	3500000049	3500000049	4135437049	3500000049	3500000049
1022092010	3577232049	3400000049	3400000049	2871692049	3400000049	3400000049	2233207049	3400000049	3400000049
1022092013	1445055049	3400000049	3400000049	1277089049	3400000049	3400000049	7204340048	3600000049	3600000049
1022093001	2623023850	4500000049	4500000049	3011265450	4600000049	4600000049	4118901550	4900000049	4900000049
1022093004	4521812550	5000000049	5000000049	4969611850	5100000049	5100000049	4451020150	5000000049	5000000049
1022093007	4002272350	4900000049	4900000049	3799265650	4800000049	4800000049	3879616450	4800000049	4800000049
1022093010	2709434250	4600000049	4600000049	1917720650	4300000049	4300000049	1287546050	4000000049	4000000049
1022093013	7985748049	3700000049	3700000049	4311934049	3500000049	3500000049	1729719049	3400000049	3400000049
1022094001	7531818750	5400000049	5400000049	5159827350	5100000049	5100000049	8906532850	5600000049	5600000049
1022094004	6817659750	5300000049	5300000049		5800000049	5800000049	6569699950	5300000049	5300000049
1022094007	9073918350	5600000049	5600000049	7168944950	5400000049	5400000049	5991546850	5200000049	5200000049
1022094010	5188453950	5100000049	5100000049	4039966350	4900000049	4900000049	3506102450	4800000049	4800000049
1022094013	2350141150	4400000049	4400000049	9436019049	3800000049	3800000049	9628564049	3700000049	3700000049
1022095001	1375994850	3500000049	3500000049	1607552950	3500000049	3500000049	2141258150	3700000049	3700000049
1022095004	6734163049	3100000049	3100000049	1872792150	3600000049	3600000049	2253412550	3800000049	3800000049
1022095007	1365029150	3500000049	3500000049	1859931650	3600000049	3600000049	1906463550	3500000049	3500000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
1022095010	1377575150	7992394049	3500000049	7992394049	3200000049	8791737049	3200000049		
1022095013	4177481049	3496274049	3000000049	3496274049	2900000049	1497172049	2900000049		
2022091001	3472000046	3941000046	7000000049	3941000046	6800000049	6398600047	4400000049		
2022091004	1382230046	1071520048	3900000049	1071520048	4000000049	1168100048	4000000049		
2022091007	3559000047	3964500047	4900000049	3964500047	4800000049	4436800047	4000000049		
2022091010	2628600047	2099600047	5100000049	2099600047	5300000049	1723300047	5500000049		
2022091013	3472000046	2557000047	7000000049	2557000047	5200000049	3941000046	6800000049		
2022092001	2500400047	2070500047	5200000049	2070500047	5300000049	6344200047	4400000049		
2022092004	1173390048	1039800048	4000000049	1039800048	4100000049	7630100047	4300000049		
2022092007	9799700047	9559800047	4100000049	9559800047	4100000049	5593200047	4500000049		
2022092010	4533700047	3685800047	4700000049	3685800047	4800000049	5867300047	4500000049		
2022092013	8276100047	5949300047	4200000049	5949300047	4500000049	2214300047	5300000049		
2022093001	1665421049	2435997049	2900000049	2435997049	2900000049	2850816049	2900000049		
2022093004	2341114049	3474183049	2900000049	3474183049	2900000049	2555773049	2900000049		
2022093007	3768913049	3240176049	3000000049	3240176049	2900000049	2593718049	2900000049		
2022093010	2380244049	2135038049	2900000049	2135038049	2900000049	1424871049	2900000049		
2022093013	2231710049	1307696049	2900000049	1307696049	2900000049	7409900048	3000000049		
2022094001	1182968049	1308997050	3400000049	1308997050	3500000049	1521296850	3500000049		
2022094004	1602889049	1959875250	3600000049	1959875250	3700000049	1703195350	3600000049		
2022094007	1587930049	1941486049	3600000049	1941486049	3700000049	1888442050	3700000049		
2022094010	1367372350	1540933550	3500000049	1540933550	3500000049	1127709450	3400000049		
2022094013	8594364049	5158514049	3200000049	5158514049	3000000049	3296748049	2900000049		
2022095001	1427980048	2432020048	3800000049	2432020048	3500000049	9331550048	3000000049		
2022095004	8559820048	6279950048	3000000049	6279950048	3100000049	6130780048	3100000049		
2022095007	7409900048	8928250048	3000000049	8928250048	3000000049	6628630048	3100000049		
2022095010	9720000047	2629980048	4100000049	2629980048	3500000049	4123970048	3200000049		
2022095013	4261290048	2531110048	3200000049	2531110048	3500000049	1631080048	3800000049		
3022091001	2906000046	1137000047	6700000049	1137000047	5500000049	4128000046	6400000049		
3022091004	1011800047	2069800047	5600000049	2069800047	5000000049	9730000046	5600000049		
3022091007	8665000046	1365700047	5700000049	1365700047	5300000049	1308300047	5400000049		
3022091010	1620500047	5327000046	5200000049	5327000046	6200000049	1658500047	5200000049		
3022091013	2287000046	8568000046	7000000049	8568000046	5700000049	3822000046	6500000049		
3022092001	1076800047	2134600047	5500000049	2134600047	5000000049	2255300047	4900000049		
3022092004	2338000047	3290200047	4900000049	3290200047	4600000049	4174600047	4400000049		
3022092007	2660600047	2013900047	4800000049	2013900047	5000000049	2925800047	4700000049		
3022092010	2218000047	2338000047	4900000049	2338000047	4900000049	2032500047	5000000049		
3022092013	1365700047	1222600047	5300000049	1222600047	5400000049	4128000046	6400000049		
3022093001	3956630046	4314040048	3100000049	4314040048	3100000049	7039680048	2900000049		
3022093004	8450600048	8621740048	2900000049	8621740048	2900000049	6999770048	2900000049		

TABLE XIV-2 (Cont')

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
3022093007	7025670048	2900000049	2900000049	4131940048	3100000049	3100000049	4841460048	3000000049	3000000049
3022093010	6017540048	3000000049	3000000049	4793850048	3000000049	3000000049	3253740048	3200000049	3200000049
3022093013	3095720048	3200000049	3200000049	2907960048	3200000049	3200000049	2056210048	3400000049	3400000049
3022094001	3412738049	3000000049	3000000049	4194371049	3100000049	3100000049	4478477049	3100000049	3100000049
3022094004	4864506049	3200000049	3200000049	4795618049	3200000049	3200000049	5880855049	3300000049	3300000049
3022094007	5097322049	3200000049	3200000049	5574219049	3200000049	3200000049	1145765049	2900000049	2900000049
3022094010	9780750049	2900000049	2900000049	1247860049	2900000049	2900000049	1305431049	2900000049	2900000049
3022094013	1055792049	2900000049	2900000049	9343770048	2900000049	2900000049	5982220048	3000000049	3000000049
3022095001	1761300047	5100000049	5100000049	1587050048	3500000049	3500000049	1591290048	3500000049	3500000049
3022095004	3995000047	4500000049	4500000049	2922640048	3200000049	3200000049	9141900047	3900000049	3900000049
3022095007	1286860048	3600000049	3600000049	1492950048	3600000049	3600000049	1429770048	3600000049	3600000049
3022095010	5493300047	4200000049	4200000049	4300500047	4400000049	4400000049	6311100047	3900000049	3900000049
3022095013	5569460048	3000000049	3000000049	3860100047	4500000049	4500000049	9684300047	3800000049	3800000049
4022091001	1729000046	6500000049	6500000049	2809000046	6000000049	6000000049	1997000046	6300000049	6300000049
4022091004	3964000046	5700000049	5700000049	2407000046	6200000049	6200000049	1170000046	6800000049	6800000049
4022091007	1587000046	6600000049	6600000049	8940000045	7100000049	7100000049	7450000045	7300000049	7300000049
4022091010	1311000046	6700000049	6700000049	1170000046	6800000049	6800000049	1170000046	6800000049	6800000049
4022091013	1587000046	6600000049	6600000049	2272000046	6200000049	6200000049	1587000046	6600000049	6600000049
4022092001	4620000045	7800000049	7800000049	2541000046	6100000049	6100000049	3561000046	5800000049	5800000049
4022092004	3740000046	5800000049	5800000049	2407000046	6200000049	6200000049	1997000046	6300000049	6300000049
4022092007	4135000046	5700000049	5700000049	2272000046	6200000049	6200000049	3077000046	5900000049	5900000049
4022092010	2541000046	6100000049	6100000049	1863000046	6400000049	6400000049	1311000046	6700000049	6700000049
4022092013	1453000046	6600000049	6600000049	2407000046	6200000049	6200000049	1729000046	6500000049	6500000049
4022093001	5500800047	3700000049	3700000049	1297440048	3200000049	3200000049	9512200047	3400000049	3400000049
4022093004	1271960048	3200000049	3200000049	1027440048	3300000049	3300000049	1742540048	3100000049	3100000049
4022093007	1689200048	3100000049	3100000049	1464860048	3200000049	3200000049	1439600048	3200000049	3200000049
4022093010	2051520048	3000000049	3000000049	1396690048	3200000049	3200000049	1297440048	3200000049	3200000049
4022093013	1325010048	3200000049	3200000049	2938500047	4100000049	4100000049	9085200047	3400000049	3400000049
4022094001	4924680048	2900000049	2900000049	8561690048	2900000049	2900000049	1103230049	3000000049	3000000049
4022094004	1487523049	3000000049	3000000049	1274243049	3000000049	3000000049	1146644049	3000000049	3000000049
4022094007	1007274049	2900000049	2900000049	1366571049	3000000049	3000000049	1048893049	2900000049	2900000049
4022094010	1020424049	2900000049	2900000049	5910840048	2900000049	2900000049	3002730048	2900000049	2900000049
4022094013	5488250048	2900000049	2900000049	1156352049	3000000049	3000000049	8393820048	2900000049	2900000049
4022095001	4620000045	7800000049	7800000049	1741200047	4500000049	4500000049	2074200047	4300000049	4300000049
4022095004	1069900047	4900000049	4900000049	7458000046	5200000049	5200000049	1774000047	4500000049	4500000049
4022095007	2954200047	4100000049	4100000049	8263000046	5100000049	5100000049	1326900047	4700000049	4700000049
4022095010	1297900047	4700000049	4700000049	1434200046	4600000049	4600000049	1244200047	4700000049	4700000049
4022095013	5007000046	5500000049	5500000049	4701000046	5600000049	5600000049	1186100047	4800000049	4800000049
1023091001	2516100047	6100000049	6100000049	9350000046	7200000049	7200000049	1502000047	6600000049	6600000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
1023091004	1223400047	6900000049	8769000046	7200000049	2891000046	8500000049			
1023091007	3310300047	5800000049	7108000046	7500000049	6944000046	7500000049			
1023091010	7272000046	7400000049	1092300047	7000000049	1602000046	9200000049			
1023091013	1080000046	9600000049	4172000046	8100000049	5440000045	1050000050			
1023092001	1314300047	6800000049	2402800047	6200000049	1787400047	6500000049			
1023092004	9850000046	7100000049	1034100047	7000000045	1379800047	6700000049			
1023092007	3658000046	8200000049	3152000046	8400000049	5431000046	7800000049			
1023092010	3658000046	8200000049		9999999999	3912000046	8100000049			
1023092013		9999999999	5440000045	1050000050		9999999999			
1023093001	1272038049	2900000049	1421727049	2900000049	1772236049	2900000049			
1023093004	1582131049	2900000049	2016179049	2900000049	1612321049	2900000049			
1023093007	1983851049	2900000049	1732782049	2900000049	1901649049	2900000049			
1023093010	1470841049	2900000049	8177680048	3000000049	1247674049	2900000049			
1023093013	5552320048	3100000049	3963190048	3300000049	3584550048	3300000049			
1023094001	4065047950	4200000049	4843127050	4300000049	5103779650	4300000049			
1023094004	5700442250	4400000049	5293245650	4400000049	5562201950	4400000049			
1023094007	4488022450	4200000049	5187064350	4300000049	2694661250	3900000049			
1023094010	3876390350	4100000049	1988563750	3700000049	1477930750	3500000049			
1023094013	1709263050	3600000049	1071805550	3300000049	7313214049	3200000049			
1023095001	9198489050	4800000049	9187938350	4800000049		4900000049			
1023095004	6107286450	4500000049		5000000049	6481605850	4500000049			
1023095007		5000000049	1066449350	3300000049	9622979250	4800000049			
1023095010	6906763550	4600000049	5339970450	4400000049	1968617050	3700000049			
1023095013	1849894250	3600000049	1540453050	3500000049		9999999999			
2023091001	5335000046	6600000049	1051000046	8100000049	5440000045	8800000049			
2023091004	2034000046	7500000049	8076000046	6200000049	4673000046	6600000049			
2023091007	1550000046	7800000049	2518000046	7300000049	7175000046	6300000049			
2023091010	4873000046	6600000049	7175000046	6300000049	5440000045	8800000049			
2023091013	2034000046	7500000049	2034000046	7500000049	1550000046	7800000049			
2023092001	2518000046	7300000049	4411000046	6700000049	1550000046	7800000049			
2023092004	5440000045	8800000049	1622000047	5500000049	3472000046	7000000049			
2023092007	2995000046	7100000049	1051000046	8100000049	6258000046	6400000049			
2023092010	2518000046	7300000049	2995000046	7100000049	2034000046	7500000049			
2023092013	2034000046	7500000049	5335000046	6600000049	2995000046	7100000049			
2023093001	1284500047	5800000049	1446200047	5600000049	2514600047	5200000049			
2023093004	1329200047	5700000049	1680100047	5500000049	2113700047	5300000049			
2023093007	4411000046	6700000049		9999999999	3441000046	6800000049			
2023093010	2214300047	5300000049	1519900047	5600000049	8965000046	6100000049			
2023093013	8531000046	6100000049	2518000046	7300000049	6258000046	6400000049			

TABLE XIV-2 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
2023094001	2588302049	2900000049	2819121049	2900000049	5151037049	2900000049
2023094004	3942206049	3000000049	3227115049	2900000049	4547797049	3000000049
2023094007	4269823049	3000000049	3546894049	2900000049	3413424049	2900000049
2023094010	3789514049	3000000049	3796495049	3000000049	3178865049	2900000049
2023094013	2419345049	2900000049	2194870048	3600000049	1431502049	2900000049
2023095001	8848943049	3300000049	1278260350	3400000049	1204043650	3400000049
2023095004	1469417750	3500000049	1201316750	3400000049	1545577550	3500000049
2023095007	1412221850	3500000049	1761156350	3600000049	1362076450	3500000049
2023095010	1430968250	3500000049	9147018049	3300000049	1402797550	3500000049
2023095013	9702437049	3300000049	8895420049	3300000049	5002014049	3000000049
3023091001	1021000046	7800000049		9999999999	1021000046	7800000049
3023091004		9999999999	1021000046	7800000049		9999999999
3023091007		9999999999	6930000045	8100000049		9999999999
3023091010		9999999999	2906000046	6700000049		9999999999
3023091013	6930000045	8100000049		9999999999	1021000046	7800000049
3023092001	6930000045	8100000049		9999999999		9999999999
3023092004	1021000046	7800000049		9999999999		9999999999
3023092007	1974000046	7100000049		9999999999		9999999999
3023092010	1341000046	7500000049		9999999999		9999999999
3023092013	6930000045	8100000049		9999999999		9999999999
3023093001	1661000046	7300000049	1661000046	7300000049	1341000046	7500000049
3023093004	4426000046	6300000049	2906000046	6700000049	2906000046	6700000049
3023093007	5923000046	6100000049		9999999999		9999999999
3023093010	2906000046	6700000049	1341000046	7500000049		9999999999
3023093013	1341000046	7500000049		9999999999		9999999999
3023094001	5266520048	5000000049	6731080048	9999999999	2906000046	6700000049
3023094004	7929060048	2900000049	7338300048	2900000049	6229210048	3000000049
3023094007	7866400048	2900000049	2888400048	3200000049	8898900048	2900000049
3023094010	8040520048	2900000049	8031200048	2900000049	8494560048	2900000049
3023094013	7233400048	2900000049	5086290048	3000000049	7238090048	2900000049
3023095001	2047300049	2900000049	2986163049	3000000049	4805770048	3000000049
3023095004	1527756049	2900000049	4436553049	3100000049	3027633049	3000000049
3023095007	2380870049	3000000049	3383607049	3000000049	2441019049	3000000049
3023095010	2286538049	2900000049	1795277049	2900000049	3805749049	3100000049
3023095013	2633043049	3000000049	1700684049	2900000049	2186283049	2900000049
4023091001	6030000045	7500000049	4620000045	7800000049	1841366049	2900000049
4023091004		9999999999	7450000045	7300000049	3130000045	8100000049
4023091007	3130000045	8100000049		9999999999	4620000045	7800000049
4023091010		9999999999	7450000045	7300000049		9999999999

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M			GM SEC/CU.M			GM SEC/CU.M		
4023091013			9999999999			9999999999			8100000049
4023092001	603000000045		7500000049	603000000045		7500000049	3130000045		7800000049
4023092004			9999999999	462000000045		7800000049	4620000045		9999999999
4023092007	158700000046		660000000049			9999999999			7800000049
4023092010			9999999999	603000000045		7500000049			9999999999
4023092013	145300000046		660000000049			9999999999	1560000045		8800000049
4023093001	117000000046		680000000049	254100000046		6100000049	6030000045		7500000049
4023093004	172900000046		650000000049	745000000045		7300000049	3130000045		8100000049
4023093007	103600000046		700000000049			9999999999	1587000046		6600000049
4023093010			9999999999	145300000046		6600000049			9999999999
4023093013	462000000045		780000000049			9999999999	6030000045		7500000049
4023094001	918660000047		340000000049	150986000048		3200000049	1958530048		3100000049
4023094004	208600000048		300000000049	181973000048		3100000049	3005940048		2900000049
4023094007	278838000048		300000000049	306733000048		2900000049	1540560048		3100000049
4023094010	183821000048		310000000049	174142000048		3100000049	3605300047		3900000049
4023094013	947860000047		340000000049	192933000048		3100000049	1244320048		3200000049
4023095001	480786000048		290000000049	344500000048		2900000049	5761310048		2900000049
4023095004	738882000048		290000000049	494428000048		2900000049	8371700048		2900000049
4023095007	131410000049		300000000049	693552000048		2900000049	8850840048		2900000049
4023095010	659183000048		290000000049	759214000048		2900000049	6354380048		2900000049
4023095013	341132000048		290000000049	367187000048		2900000049	6748510048		2900000049
1024091001			560000000049			5700000049			5500000049
1024091004	5778708350		440000000049	1841188250		3600000049	2216712049		2900000049
1024091007	1017682049		300000000049	436693000048		3200000049	2356170048		3500000049
1024091010	208090000047		540000000049	835200000046		6200000049	5037000046		6600000049
1024091013	1037100047		600000000049	456000000046		6700000049	3584000046		7000000049
1024092001			600000000049			6200000049			5900000049
1024092004			560000000049			4900000049	3713040850		4100000049
1024092007	5148306049		300000000049	7712390048		3000000049	4098600047		4800000049
1024092010	108800000046		810000000049	928300000046		6100000049	3584000046		7000000049
1024092013	2101000046		750000000049	456000000046		6700000049	4075000046		6800000049
1024093001	3941834050		410000000049	5656333350		4400000049			4900000049
1024093004			500000000049	8949416150		4800000049			3600000049
1024093007	7364802049		320000000049	1978650048		3700000049	1718926450		4800000049
1024093010	1661500047		560000000049	2244900047		5300000049	3983100047		4800000049
1024093013	6467000046		640000000049			9999999999	5998000046		6500000049
1024094001	260000000046		730000000049	788300000046		6200000049	4429400047		4700000049
1024094004	1059850048		410000000049	1956113049		2900000049	6137490049		3100000049
1024094007	8585599049		320000000049	365080000047		490000000049	3185900047		500000000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
1024094010	2333500047	5300000049	2658400047	5100000049	3506200047	4900000049
1024094013	7883000046	6200000049	8352000046	6200000049	5037000046	6600000049
1024095001	2051100047	5400000049	2101000046	7500000049	4530000047	4700000049
1024095004	9648500047	4100000049	1325980048	3900000049	8583800047	4200000049
1024095007	5853200047	4500000049	8375200047	4200000049	5385300047	4600000049
1024095010	5867300047	4500000049	1555700047	5600000049	9283300046	6100000049
1024095013	5037000046	6600000049	4560000046	6700000049	8959990048	3000000049
2024091001	1625717450	3600000049	1603822550	3600000049	1096518350	3400000049
2024091004	3507212049	2900000049	4675690048	3200000049	8985000046	6100000049
2024091007	4873000046	6500000049	2995000046	7100000049	3941000046	6800000049
2024091010	4873000046	6600000049	5440000045	8800000049	3472000046	7000000049
2024091013		9999999999	2995000046	7100000049		9999999999
2024092001	1914667350	3700000049	1894448750	3700000049	1467865750	3500000049
2024092004	2927609049	2900000049	3125520048	3400000049	1120570048	4000000049
2024092007	1446200047	5600000049	1051000046	8100000049	5440000045	8800000049
2024092010		9999999999		9999999999	5440000045	8800000049
2024092013	1550000046	7800000049	3472000046	7000000049	6258000046	6400000049
2024093001	7858410049	3200000049	9742685049	3300000049	1027774850	3300000049
2024093004	3187582049	2900000049	1816080048	3700000049	2457200047	5200000049
2024093007	1694300047	5500000049	4411000046	6700000049	3472000046	7000000049
2024093010	1051000046	8100000049	4873000046	6600000049	6713000046	6300000049
2024093013	5335000046	6600000049	2995000046	7100000049	2518000046	7300000049
2024094001	1261610048	3900000049	1850870048	3700000049	7597360048	3000000049
2024094004	3941730048	3300000049	6534200047	4400000049	4873000046	6600000049
2024094007	1122100047	5900000049	2371500047	5200000049	6258000046	6400000049
2024094010	9879000046	6000000049	1432000047	5700000049	3472000046	7000000049
2024094013	2518000046	7300000049	2518000046	7300000049	1550000046	7800000049
2024095001	1550000046	7800000049	1051000046	8100000049	9879000046	6000000049
2024095004	4478500047	4700000049	7629000046	6200000049	3109900047	5000000049
2024095007	1402200047	5700000049	1476000047	5600000049	2343200047	5200000049
2024095010	1969900047	5400000049	5335000046	6600000049	8985000046	6100000049
2024095013	1299400047	5700000049	9432000046	6000000049	8985000046	6100000049
3024091001	2672151049	3000000049	2325922049	2900000049	1324899049	2900000049
3024091004	3904800047	4500000049	1341000046	7500000049	6930000045	8100000049
3024091007		9999999999		9999999999	1661000046	7300000049
3024091010		9999999999		9999999999	1021000046	7800000049
3024091013		9999999999		9999999999	1341000046	7500000049
3024092001	4068322049	3100000049	3917433049	3100000049	8658690048	2900000049
3024092004	1177190048	3700000049	6930000045	8100000049	1021000046	7800000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M				
3024092007			9999999999			9999999999	1021000046	7800000049	
3024092010			9999999999			9999999999	1021000046	7800000049	
3024092013			9999999999			9999999999	6930000045	8100000049	
3024093001	1482576049		2900000049	2163336049		2900000049	1138926049	2900000049	
3024093004	1976600047		5000000049	3517000046		6600000049	1021000046	7800000049	
3024093007			9999999999			9999999999	1021000046	7800000049	
3024093010			9999999999			9999999999	1341000046	7500000049	
3024093013			9999999999			9999999999	1021000046	7800000049	
3024094001	3235800047		4600000049	7738200047		4000000049	1173840048	3700000049	
3024094004	3211000046		6600000049	3822000046		6500000049	2600000046	6800000049	
3024094007	6930000045		8100000049			9999999999	1021000046	7800000049	
3024094010			9999999999			9999999999	6930000045	8100000049	
3024094013			9999999999			9999999999	6930000045	8100000049	
3024095001	3580000045		8800000049	3580000045		8800000049	1661000046	7300000049	
3024095004	1661000046		7300000049	4128000046		6400000049	4426000046	6300000049	
3024095007	2600000046		6800000049	4426000046		6300000049	1341000046	7500000049	
3024095010	1021000046		7800000049			9999999999	6930000045	8100000049	
3024095013			9999999999			9999999999	2906000046	6700000049	
4024091001	3947170048		2900000049	3996270048		2900000049	2856400048	3000000049	
4024091004	1928200047		4400000049	3130000045		8100000049	1560000045	8800000049	
4024091007			9999999999	4620000045		7800000049		9999999999	
4024091010	1560000045		8800000049			9999999999	3130000045	8100000049	
4024091013			9999999999			9999999999	1560000045	8800000049	
4024092001	4465800048		2900000049	4587250048		2900000049	3746300048	2900000049	
4024092004	1645540048		3100000049	3989800047		3900000049	4224000046	5700000049	
4024092007	4620000045		7800000049	1863000046		6400000049	4620000045	7800000049	
4024092010			9999999999	6030000045		7500000049		9999999999	
4024092013	3130000045		8100000049			9999999999	4620000045	7800000049	
4024093001	8826700047		3400000049	1119800047		4800000049	9680500047	3400000049	
4024093004	8443000047		3400000049	3660500047		3900000049	8047000046	5100000049	
4024093007	2138000046		6300000049	4620000045		7800000049	3130000045	8100000049	
4024093010	3130000045		8100000049			9999999999		9999999999	
4024093013	6030000045		7500000049			9999999999	1560000045	8800000049	
4024094001	2717000046		6100000049	3740000046		5800000049	2854000046	6000000049	
4024094004	4620000045		7800000049			9999999999		9999999999	
4024094007			9999999999	3130000045		8100000049		9999999999	
4024094010			9999999999	3130000045		8100000049		9999999999	
4024094013			9999999999			9999999999		9999999999	
4024095001	6030000045		7500000049	1036000046		7000000049	1560000045	8800000049	
							6030000045	7500000049	

TABLE XIV-2 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
2025093001	8362760048	3000000049	2675800048	3500000049	7265510048	3000000049
2025093004	6156270048	3100000049	6664920048	3100000049	7373840048	3000000049
2025093007	7186080048	3000000049	7931960048	3000000049	7514430048	3000000049
2025093010	8212100048	3000000049	7323320048	3000000049	7550490048	3000000049
2025093013	4502010048	3200000049	3587230048	3300000049	2519640048	3500000049
2025094001	3294073049	2900000049	5082257049	3000000049	3289051049	2900000049
2025094004	2830923049	2900000049	4516520049	3000000049	2815753049	2900000049
2025094007	2562553049	2900000049	2928622049	2900000049	2087131049	2900000049
2025094010	2679326049	2900000049	1893908049	2900000049	2295822049	2900000049
2025094013	1191407049	2900000049	4276110048	3200000049	1314007049	2900000049
2025095001	4271805049	3000000049	4837722049	3000000049	2800912049	2900000049
2025095004	5179881049	3000000049	3430121049	2900000049	3538899049	2900000049
2025095007	3311470049	2900000049	3889464049	3000000049	2886198049	2900000049
2025095010	2674595049	2900000049	2191775049	2900000049	2268896049	2900000049
2025095013	1831926049	2900000049	1646712049	2900000049	8212100048	3000000049
3025091001	3517000046	6600000049	9052000046	5700000049	3822000046	6500000049
3025091004	2906000046	6700000049	3211000046	6600000049	2287000046	7000000049
3025091007	1021000046	7800000049	2287000046	7000000049	1341000046	7500000049
3025091010	5580000045	8800000049	2600000046	6800000049	2287000046	7000000049
3025091013		9999999999		9999999999	1341000046	7500000049
3025092001	1695800047	5100000049	1985600047	5000000049	8084000046	5800000049
3025092004	2180800047	4900000049	1985600047	5000000049	1545200047	5200000049
3025092007	2971300047	4700000049	1724100047	5100000049	1346300047	5300000049
3025092010	5625000045	6100000049	1117600047	5500000049	1011800047	5600000049
3025092013	1661000046	7300000049	5625000046	6100000049	1341000046	7500000049
3025093001	1385060048	3600000049	1871960048	3400000049	2197620048	3300000049
3025093004	2172890048	3300000049	2098460048	3400000049	1824500048	3400000049
3025093007	2036390048	3400000049	9253600047	3800000049	1191720048	3700000049
3025093010	1508070048	3500000049	1520740048	3500000049	1563580048	3500000049
3025093013	1218910048	3700000049	5908300047	4200000049	7442100047	4000000049
3025094001	6756780048	2900000049	5195400048	3000000049	4028680048	3100000049
3025094004	5571770048	3000000049	7214770048	2900000049	4872380048	3000000049
3025094007	5925670048	3000000049	4560200048	3000000049	4717630048	3000000049
3025094010	5751250048	3000000049	3708600048	3100000049	3015320048	3200000049
3025094013	2562630048	3300000049	1944300048	3400000049	3258590048	3200000049
3025095001	9241740048	2900000049	1033813049	2900000049	1184925049	2900000049
3025095004	5117130048	3000000049	1298644049	2900000049	1094200049	2900000049
3025095007	1001723049	2900000049	8672550048	2900000049	1250811049	2900000049
3025095010	7254410048	2900000049	4404930048	3100000049	4648490048	3000000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
3025092013	6064450048	3000000049	3000000049	3696530048	3100000049	3100000049	4486220048	3000000049	3000000049
4025091001	8940000045	7100000049	7100000049	1997000046	6300000049	6300000049	1036000046	7000000049	7000000049
4025091004	1997000046	6300000049	6300000049	1453000046	6600000049	6600000049	1560000045	8800000049	8800000049
4025091007	6030000045	7500000049	7500000049	4620000045	7800000049	7800000049	4620000045	7800000049	7800000049
4025091010	1311000046	6700000049	6700000049	4620000045	7800000049	7800000049	3130000045	8100000049	8100000049
4025091013	4620000045	7800000049	7800000049	3130000045	8100000049	8100000049	7450000045	7300000049	7300000049
4025092001	2675000046	6100000049	6100000049	1587000046	6600000049	6600000049	3077000046	5900000049	5900000049
4025092004	1863000046	6400000049	6400000049	3211000046	5900000049	5900000049	8940000045	7100000049	7100000049
4025092007	1453000046	6600000049	6600000049	2943000046	6000000049	6000000049	2138000046	6300000049	6300000049
4025092010	8940000045	7100000049	7100000049	7450000045	7300000049	7300000049	8940000045	7100000049	7100000049
4025092013	3130000045	8100000049	8100000049	7450000045	7300000049	7300000049	3130000045	8100000049	8100000049
4025093001	7749000046	5100000049	5100000049	1028200047	4900000049	4900000049	7324000046	5200000049	5200000049
4025093004	1310600047	4700000049	4700000049	4314000046	5600000049	5600000049	8300000046	5100000049	5100000049
4025093007	6944000046	5200000049	5200000049	7749000046	5100000049	5100000049	8173000046	5100000049	5100000049
4025093010	8807000046	5000000049	5000000049	8389000046	5100000049	5100000049	9187000046	5000000049	5000000049
4025093013	4746000046	5600000049	5600000049	2451000046	6200000049	6200000049	8345000046	5100000049	5100000049
4025094001	9130700047	3400000049	3400000049	8318600047	3400000049	3400000049	1468140048	3200000049	3200000049
4025094004	1429690048	3200000049	3200000049	1593080048	3100000049	3100000049	1424180048	3200000049	3200000049
4025094007	1401080048	3200000049	3200000049	1401080048	3200000049	3200000049	1121090048	3300000049	3300000049
4025094010	7344000047	3500000049	3500000049	1311750048	3200000049	3200000049	2814800047	4100000049	4100000049
4025094013	6179500047	3600000049	3600000049	9107600047	3400000049	3400000049	8849100047	3400000049	3400000049
4025095001	1617150048	3100000049	3100000049	1981260048	3100000049	3100000049	1647700048	3100000049	3100000049
4025095004	1354810048	3200000049	3200000049	2006140048	3100000049	3100000049	1998540048	3100000049	3100000049
4025095007	2267960048	3000000049	3000000049	1909810048	3100000049	3100000049	2393500048	3000000049	3000000049
4025095010	2251860048	3000000049	3000000049	1452790048	3200000049	3200000049	2079610048	3000000049	3000000049
4025095013	2401020048	3000000049	3000000049	1382380048	3200000049	3200000049	1653130048	3100000049	3100000049
1026091001	7883000046	6200000049	6200000049	1297900047	5800000049	5800000049	2253200048	3600000049	3600000049
1026091004	7651000047	4300000049	4300000049	4170800047	4800000049	4800000049	1129500047	5900000049	5900000049
1026091007	4041200047	4800000049	4800000049	9441400047	4100000049	4100000049	5072400047	4600000049	4600000049
1026091010	3607600047	4900000049	4900000049	4041200047	4800000049	4800000049	3258900047	5000000049	5000000049
1026091013	2643500047	5200000049	5200000049	2378200047	5200000049	5200000049	2732100047	5100000049	5100000049
1026092001	2761200047	5100000049	5100000049	1887200047	5400000049	5400000049	2466810048	3500000049	3500000049
1026092004	1048820048	4100000049	4100000049	9261800047	4200000049	4200000049	7902100047	4300000049	4300000049
1026092007	7245700047	4300000049	4300000049	6671200047	4400000049	4400000049	2791000047	5100000049	5100000049
1026092010	2614400047	5200000049	5200000049	1887200047	5400000049	5400000049	1388800047	5700000049	5700000049
1026092013	8352000046	6200000049	6200000049	2452000047	5200000049	5200000049	1976600047	5400000049	5400000049
1026093001	7902100047	4300000049	4300000049	8597200047	4200000049	4200000049	7063900047	4400000049	4400000049
1026093004	8235900047	4200000049	4200000049	2153960048	3600000049	3600000049	1400560048	3900000049	3900000049
1026093007	8083100047	4300000049	4300000049	3375100047	4900000049	4900000049	5796600047	4500000049	4500000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
1026093010	4271400047	4800000049	4800000049	7511700047	1110580048	4300000049	1110580048	4000000049	4000000049
1026093013	1267300047	5800000049	5800000049	2422200047	1602000046	5200000049	1602000046	7800000049	7800000049
1026094001	1235645350	3400000049	3400000049	1437065050	8461945049	3500000049	8461945049	3200000049	3200000049
1026094004	1919688350	3700000049	3700000049	1782799550	2152673250	3600000049	2152673250	3700000049	3700000049
1026094007	2070558150	3700000049	3700000049	1529710750	2074759550	3500000049	2074759550	3700000049	3700000049
1026094010	1292283850	3400000049	3400000049	1591935850	1234607450	3500000049	1234607450	3400000049	3400000049
1026094013	8452699049	3200000049	3200000049	5587824049	3311202049	3100000049	3311202049	2900000049	2900000049
1026095001	4712130150	4200000049	4200000049	7298498650		4600000049		5100000049	5100000049
1026095004	8945366050	4800000049	4800000049			5100000049		5100000049	5100000049
1026095007		5000000049	5000000049	9963443950	8476521150	4800000049	8476521150	4700000049	4700000049
1026095010	6412686450	4500000049	4500000049	6154395650	4423220550	4500000049	4423220550	4200000049	4200000049
1026095013	2685277250	3900000049	3900000049	2472857450	1180858250	3800000049	1180858250	3400000049	3400000049
2026091001	2034000046	7500000049	7500000049	1166800047	2271700047	5800000049	2271700047	5300000049	5300000049
2026091004	1255400047	5800000049	5800000049	3615800047	1825400047	4900000049	1825400047	5400000049	5400000049
2026091007	1651000047	5500000049	5500000049	9879000046	9879000046	6000000049	9879000046	6000000049	6000000049
2026091010	1136440048	4000000049	4000000049	5797000046	1955000047	6500000049	1955000047	5400000049	5400000049
2026091013	1344100047	5700000049	5700000049	2995000046	1476000047	7100000049	1476000047	5600000049	5600000049
2026092001	1550000046	7800000049	7800000049	1550000046	1519900047	7800000049	1519900047	5600000049	5600000049
2026092004	1032600047	5900000049	5900000049	9879000046	7629000046	6000000049	7629000046	6200000049	6200000049
2026092007	1432000047	5700000049	5700000049	3405700047	1519900047	4900000049	1519900047	5600000049	5600000049
2026092010	1694300047	5500000049	5500000049	1077400047	5400000045	5900000049	5400000045	8800000049	8800000049
2026092013	1166000047	5800000049	5800000049	3472000046	1607100047	7000000049	1607100047	5600000049	5600000049
2026093001	4411000046	6700000049	6700000049	5335000046	3531600047	6600000049	3531600047	4900000049	4900000049
2026093004	1761400047	5500000049	5500000049	1607100047	1694300047	5600000049	1694300047	5500000049	5500000049
2026093007	1955000047	5400000049	5400000049	1563900047	7175000046	5600000049	7175000046	6300000049	6300000049
2026093010	4873000046	6600000049	6600000049	2518000046	2518000046	7300000049	2518000046	7300000049	7300000049
2026093013	4873000046	6600000049	6600000049	2995000046	3472000046	7100000049	3472000046	7000000049	7000000049
2026094001	9493500047	4100000049	4100000049	8128600047	1925600048	4200000049	1925600048	3600000049	3600000049
2026094004	4411000046	6700000049	6700000049	1970600048	2074540048	3600000049	2074540048	3600000049	3600000049
2026094007	2244710048	3600000049	3600000049	3106670048	1956450048	3400000049	1956450048	3600000049	3600000049
2026094010	2485360048	3500000049	3500000049	3557280048	2853720048	3300000049	2853720048	3400000049	3400000049
2026094013	2257710048	3500000049	3500000049	1999000047	1827700048	5400000049	1827700048	3700000049	3700000049
2026095001	8231752047	3200000049	3200000049	1237753050	1301066650	3400000049	1301066650	3400000049	3400000049
2026095004	1601653050	3600000049	3600000049	1469976550	1471652150	3500000049	1471652150	3500000049	3500000049
2026095007	1864375050	3700000049	3700000049	1479534150	1649610050	3500000049	1649610050	3600000049	3600000049
2026095010	1717209850	3600000049	3600000049	1380358650	1295257450	3500000049	1295257450	3400000049	3400000049
2026095013	1201003050	3400000049	3400000049	1193947350	7429257049	3400000049	7429257049	3200000049	3200000049
3026091001	6930000045	8100000049	8100000049	4128000046	6930000045	6400000049	6930000045	8100000049	8100000049
3026091004		9999999999	9999999999		1661000046	9999999999	1661000046	7300000049	7300000049

TABLE XIV-2 (Cont)

LD.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
3026091007			9999999999	1661000046	7300000049	7300000049	3211000046	6600000049	
3026091010	4128000046		6400000049	1021000046	7800000049	7800000049	1974000046	7100000049	
3026091013			9999999999	1021000046	7800000049	7800000049	6810000046	5900000049	
3026092001			9999999999	1341000046	7500000049	7500000049	1021000046	7800000049	
3026092004			9999999999		9999999999	9999999999	2906000046	6700000049	
3026092007			9999999999		9999999999	9999999999	1021000046	7800000049	
3026092010			9999999999		9999999999	9999999999	6930000045	8100000049	
3026092013			9999999999		9999999999	9999999999	1974000046	7100000049	
3026093001	3580000045		8800000049	1021000046	7800000049	7800000049	2906000046	6700000049	
3026093004	2600000046		6800000049	7987000046	5800000049	5800000049	2287000046	7000000049	
3026093007	1341000046		7500000049	7108000046	5900000049	5900000049	1341000046	7500000049	
3026094001	2906000046		6700000049	7987000046	5800000049	5800000049	6930000045	8100000049	
3026094004	3580000045		8800000049	6930000045	8100000049	8100000049		9999999999	
3026094007	3580000045		8800000049	2245600047	4900000049	4900000049	1450600047	5300000049	
3026094010	5923000046		6100000049	6810000046	5900000049	5900000049	1040800047	5600000049	
3026094013	1836600047		5100000049	5029000046	6200000049	6200000049	2623300047	4800000049	
3026095001	6512000046		6000000049	9440000046	5700000049	5700000049	1088500047	5500000049	
3026095004	6512000046		6000000049	8278000046	5800000049	5800000049	3211000046	6600000049	
3026095007	1621947049		2900000049	4198432049	3100000049	3100000049	2900757049	3000000049	
3026095010	1111783049		2900000049	4348584049	3100000049	3100000049	2874218049	3000000049	
3026095013	2929889049		3000000049	2789512049	3000000049	3000000049	3546566049	3100000049	
4026091001	3352739049		3000000049	1954898049	2900000049	2900000049	1679227049	2900000049	
4026091004	2280600049		2500000049	1746893049	2900000049	2900000049	2651177049	3000000049	
4026091007	1560000045		8800000049	1115400047	4800000049	4800000049	4620000045	7800000049	
4026091010	5130000045		8100000049		9999999999	9999999999	7450000045	7300000049	
4026091013	6030000045		9999999999		8100000049	8100000049		9999999999	
4026092001	3130000045		9999999999		9999999999	9999999999	6030000045	7500000049	
4026092004			8100000049	1453000046	9999999999	9999999999	7450000045	7300000049	
4026092007	1560000045		9999999999	1453000046	6600000049	6600000049	1560000045	8800000049	
4026092010			8800000049		6600000049	6600000049		9999999999	
4026092013	1560000045		9999999999	103600000046	7000000049	7000000049	6030000045	7500000049	
4026093001	1560000045		8800000049		9999999999	9999999999	3130000045	9999999999	
4026093004			8800000049		7500000049	7500000049	8940000045	7100000049	
4026093007	1260000045		8800000049	603000000045	9999999999	9999999999	6030000045	9999999999	
4026093010			9999999999		9999999999	9999999999		7500000049	
4026093013			9999999999		9999999999	9999999999	7450000045	7300000049	
4026094001	3130000045		8100000049	1311000046	6700000049	6700000049		9999999999	

TABLE XIV-2 (Cont)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
4026094004	15600000045	88000000049	88000000049	89400000045	71000000049	71000000049	74500000045	73000000049	73000000049
4026094007	11700000046	68000000049	68000000049	10360000046	70000000049	70000000049	10360000046	70000000049	70000000049
4026094010	46200000045	78000000049	78000000049		99999999999	99999999999		99999999999	99999999999
4026094013		99999999999	99999999999		99999999999	99999999999	31300000045	81000000049	81000000049
4026095001	64063600048	29000000049	29000000049	88498700048	29000000049	29000000049	94628300048	29000000049	29000000049
4026095004	84249700048	29000000049	29000000049	59129300048	29000000049	29000000049	91886500048	29000000049	29000000049
4026095007	94647700048	29000000049	29000000049	10814960049	30000000049	30000000049	11758430049	30000000049	30000000049
4026095010	65072600048	29000000049	29000000049	79828500048	29000000049	29000000049	72074700048	29000000049	29000000049
4026095013	54635900048	29000000049	29000000049	46929700048	29000000049	29000000049	68593800048	29000000049	29000000049
1098091001	15706270049	29000000049	29000000049	21516230049	29000000049	29000000049	21679100049	29000000049	29000000049
1098091004	16622020049	29000000049	29000000049	25281240049	29000000049	29000000049	13410080049	29000000049	29000000049
1098091007	16894490049	29000000049	29000000049	16223710049	29000000049	29000000049	88008500048	30000000049	30000000049
1098091010	13246400048	39000000049	39000000049	13344810049	29000000049	29000000049	96173600048	30000000049	30000000049
1098091013	68038700048	31000000049	31000000049	50509700048	32000000049	32000000049	47802200048	32000000049	32000000049
1098092001	13182130049	34000000049	34000000049	1635854750	36000000049	36000000049	1622138250	36000000049	36000000049
1098092004	1636509750	36000000049	36000000049	1876855650	36000000049	36000000049	1721891850	36000000049	36000000049
1098092007	1984417450	37000000049	37000000049	1689259050	36000000049	36000000049	1516509350	36000000049	36000000049
1098092010	1044064850	33000000049	33000000049	9247921049	33000000049	33000000049	5964756049	31000000049	31000000049
1098092013	3719434049	30000000049	30000000049	2688691049	29000000049	29000000049	2142064049	29000000049	29000000049
1098093001	6195508750	45000000049	45000000049	6512533950	45000000049	45000000049	8020328050	47000000049	47000000049
1098093004	7148393250	46000000049	46000000049	8175472250	47000000049	47000000049	8099865250	47000000049	47000000049
1098093007	5047582650	43000000049	43000000049	6287790150	45000000049	45000000049	5791997250	44000000049	44000000049
1098093010	3756923250	41000000049	41000000049	3425471550	40000000049	40000000049	1777738350	36000000049	36000000049
1098093013	8514607049	32000000049	32000000049	1161906150	34000000049	34000000049	8073233049	32000000049	32000000049
1098094001	9751776050	48000000049	48000000049		50000000049	50000000049		51000000049	51000000049
1098094004		50000000049	50000000049		50000000049	50000000049		50000000049	50000000049
1098094007	82355550850	47000000049	47000000049	9927946350	48000000049	48000000049	7572237450	46000000049	46000000049
1098094010	6635066150	45000000049	45000000049	4852569850	43000000049	43000000049	2798836750	39000000049	39000000049
1098094013	2129273150	37000000049	37000000049	1461539450	35000000049	35000000049	1112452950	33000000049	33000000049
1098095001	4577143150	42000000049	42000000049	4478267650	42000000049	42000000049	5049274150	43000000049	43000000049
1098095004	3816067450	41000000049	41000000049	5418461650	44000000049	44000000049	4522591850	42000000049	42000000049
1098095007	4110502550	42000000049	42000000049	4174657250	42000000049	42000000049	4064284350	42000000049	42000000049
1098095010	1974190050	37000000049	37000000049	2155762250	37000000049	37000000049	1016941750	33000000049	33000000049
1098095013	8617641049	32000000049	32000000049	4574060049	30000000049	30000000049	3359133049	29000000049	29000000049
2098091001	1519900047	56000000049	56000000049	3941000046	68000000049	68000000049	9283000046	60000000049	60000000049
2098091004	7629000046	62000000049	62000000049	1062500047	59000000049	59000000049	7175000046	63000000049	63000000049
2098091007	6258000046	64000000049	64000000049	1358200047	57000000049	57000000049	1550000046	78000000049	78000000049
2098091010	3941000046	68000000049	68000000049	1490100047	56000000049	56000000049	6258000046	64000000049	64000000049
2098091013	2013100047	54000000049	54000000049	2614400047	51000000049	51000000049	1854400047	54000000049	54000000049

TABLE XIV-2 (Cont.)

I.D.	DOSAGE		S.E.	DOSAGE		S.E.	DOSAGE		S.E.
	GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M		GM SEC/CU.M	GM SEC/CU.M	
2098092001	9238870048	3000000049	3000000049	9584500048	3000000049	3000000049	1479268049	2900000049	2900000049
2098092004	1373865049	2900000049	2900000049	1449637049	2900000049	2900000049		9999999999	9999999999
2098092007	1329772049	2900000049	2900000049	1506425049	3000000049	3000000049	1228355049	2900000049	2900000049
2098092010	9556040048	3000000049	3000000049	8588430048	3000000049	3000000049	6108950048	3100000049	3100000049
2098092013	6932990048	3000000049	3000000049	6090700048	3100000049	3100000049	4428030048	3200000049	3200000049
2098093001	4964329049	3000000049	3000000049	5479932049	3100000049	3100000049	5971670049	3100000049	3100000049
2098093004	6815098049	3100000049	3100000049	5838774049	3100000049	3100000049	5666986049	3100000049	3100000049
2098093007	6167337049	3100000049	3100000049	6540604049	3100000049	3100000049	4534960049	3000000049	3000000049
2098093010	4672490049	3000000049	3000000049	4174322049	3000000049	3000000049	4398867049	3000000049	3000000049
2098093013	3650501049	3000000049	3000000049	2672568049	2900000049	2900000049	2650239049	2900000049	2900000049
2098094001	1236155049	3400000049	3400000049	1176440750	3400000049	3400000049	1311242950	3500000049	3500000049
2098094004	1408209750	3500000049	3500000049	1694044550	3600000049	3600000049	1480154750	3500000049	3500000049
2098094007	1522314550	3500000049	3500000049	1131074950	3400000049	3400000049	1006307550	3300000049	3300000049
2098094010	1036431650	3300000049	3300000049	7527508049	3200000049	3200000049	1199215750	3400000049	3400000049
2098094013	6211743049	3100000049	3100000049	6318979049	3100000049	3100000049	5877130049	3100000049	3100000049
2098095001	1811244049	2900000049	2900000049	2745215049	2900000049	2900000049	3397390049	2900000049	2900000049
2098095004	3350601049	2900000049	2900000049	3572896049	2900000049	2900000049	2720565049	2900000049	2900000049
2098095007	2681017049	2900000049	2900000049	2870701049	2900000049	2900000049	2170250049	2900000049	2900000049
2098095010	2018258049	2900000049	2900000049	1289114049	2900000049	2900000049	1622453049	2900000049	2900000049
2098095013	1261391049	2900000049	2900000049	1290165049	2900000049	2900000049	9381470048	3000000049	3000000049
3098091001	1661000046	7300000049	7300000049	1661000046	7300000049	7300000049	1661000046	7300000049	7300000049
3098091004		9999999999	9999999999	1341000046	7500000049	7500000049		9999999999	9999999999
3098091007	1341000046	7500000049	7500000049		9999999999	9999999999	2600000046	6800000049	6800000049
3098091010		9999999999	9999999999		9999999999	9999999999		9999999999	9999999999
3098091013	1021000046	7800000049	7800000049		9999999999	9999999999		9999999999	9999999999
3098092001	1478640048	3600000049	3600000049	1416280048	3600000049	3600000049	3580000045	8800000049	8800000049
3098092004	1781960048	3500000049	3500000049	1684280048	3500000049	3500000049	1406970048	3600000049	3600000049
3098092007	1986620048	3400000049	3400000049	1716840048	3500000049	3500000049	1513140048	3500000049	3500000049
3098092010	1345280048	3600000049	3600000049	1416280048	3600000049	3600000049	8848300047	3900000049	3900000049
3098092013	8614400047	3900000049	3900000049	6996800047	4000000049	4000000049	9769900047	3800000049	3800000049
3098093001	1021899049	2900000049	2900000049	8952020048	2900000049	2900000049	9881700047	3800000049	3800000049
3098093004	1174688049	2900000049	2900000049	9652080048	2900000049	2900000049	8543130048	2900000049	2900000049
3098093007	1223572049	2900000049	2900000049	6625730048	2900000049	2900000049	1120456049	2900000049	2900000049
3098093010	1035646049	2900000049	2900000049	6541310048	2900000049	2900000049	7387250048	2900000049	2900000049
3098093013	7473380048	2900000049	2900000049	3922950048	3100000049	3100000049	6869060048	2900000049	2900000049
3098094001	1156472049	2900000049	2900000049	2806939049	3000000049	3000000049	5299750048	3000000049	3000000049
3098094004	4051425049	3100000049	3100000049	2844185049	3000000049	3000000049	3664449049	3100000049	3100000049
3098094007	3422655049	3000000049	3000000049	2988555049	3000000049	3000000049	3368713049	3000000049	3000000049
3098094010	2580345049	3000000049	3000000049	2024718049	2900000049	2900000049	3131710049	3000000049	3000000049
							1525283049	2900000049	2900000049

TABLE XIV-2 (Cont)

I.D.	DOSAGE		DOSAGE		DOSAGE	
	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.	GM SEC/CU.M	S.E.
3098094013	2454616049	3000000049	1627102049	2900000049	1743548049	2900000049
3098094011	1482890046	3600000049	2927560048	3200000049	2756420048	3200000049
3098094014	6269700047	4100000049	3614500048	3100000049	1341030048	3600000049
3098094017	2501160046	3300000049	2115820048	3400000049	2358260048	3300000049
3098094010	1118410046	3700000049	2257000048	3300000049	1354590048	3600000049
3098094013	1562760046	3500000049	1078250048	3800000049	8830400047	3900000049
4098091011	6030000045	7500000049	1560000045	8800000049	1560000045	8800000049
4098091014		9999999999		9999999999		9999999999
4098091017	1560000045	8800000049		9999999999	3130000045	8100000049
4098091010		9999999999	3130000045	8100000049		9999999999
4098091013	1560000045	8800000049		9999999999		7500000049
4098092011	3527100047	4000000049	3140400047	4000000049	4476300047	3800000049
4098092014	5669500047	3700000049	3809500047	3900000049	3515200047	4000000049
4098092017	4522600047	3700000049	4103000047	3900000049	2763400047	4100000049
4098092010	5762500047	3500000049	2659300047	4200000049	2595800047	4200000049
4098092013	2054100047	4400000049	2399800047	4200000049	1587000046	6600000049
4098093011	5641470046	2900000049	3347100048	2900000049	2907370048	3000000049
4098093014	5414550046	2900000049	2941270048	3000000049	3903280048	2900000049
4098093017	5556460046	2900000049	4004610048	2900000049	3109650048	2900000049
4098093010	3225880046	2900000049	2705380048	3000000049	3220590048	2900000049
4098093013	5188920048	2900000049	1195590048	3300000049	2500560048	3000000049
4098094011	3181470046	2900000049	4485550048	2900000049	6029530048	2900000049
4098094014	7141530048	2900000049	7824450048	2900000049	7406030048	2900000049
4098094017	8019210048	2900000049	7846650048	2900000049	7050260048	2900000049
4098094010	4593450046	2900000049	6768850048	2900000049	3651980048	2900000049
4098094013	2605170048	3000000049	4324470048	2900000049	5411210048	2900000049
4098095011	4075550047	3900000049	5635600047	3700000049	6179500047	3600000049
4098095014	4577600047	3800000049	2887100047	4100000049	4600700047	3800000049
4098095017	5150600047	3700000049	4199900047	3800000049	4647700047	3800000049
4098095010	4386900047	3800000049	2146500047	4300000049	3013800047	4100000049
4098095013	1944600047	4400000049	1716600047	4500000049	2771600047	4100000049

XV Surface Weather Observations

The surface weather observations made during the diffusion experiments are given in Table XV-1, pages 124 through 150.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 1
 Tracer Emission from 06190123 to 06190158

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visibility (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			Total Sky Cover*		Remarks	Obser- vers Ini- tials
1	2	3	4	5	6	7	8	Direction	Speed (mph)	Character & Shifts	11	12	13	14
R	2205	E180 ⊕	15+		142	76	44	N	2			10	CS LRGE BRK SE	WS
R	2305	180 ⊕ / - ⊕	15+		135	76	43	N	5			7		WS
R	0005	1 - ⊕	15+		139	68	42	W	3			8	Few Ac	OG
R	0105	1 - ⊕	15+		135	70	43	W	4			6	Cl	OG
R	0205	1 - ⊕	15+		132	68	42	W	8			4		OG
R	0305	1 - ⊕	15+		132	66	41	W	9			3		OG
R	0405	1 - ⊕	15+		135	68	41	N	10			5	Few Ac Cl	OG
R	0505	1 - ⊕	15+		139	70	43	W	6			3	Few Ac	OG
R	0605	1 - ⊕	15+		142	75	44	N	7			8		OG

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 2Tracer Emission from 06252304 to 06252319

Type	Time	Sky & Ceiling (Hundreds of Feet)	Vis (Miles)	Weather and/or Obs. to Vision	Sea Level (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			* Total Cover Sky	Remarks	Obser- vers Ini- tials
								Dir (°)	Speed (mph)	Charac- ter & Shifts			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	2005	E120 0/0	15+		047	67	36	NW	10		10	BI NOVC	OG
R	2105	E120 0/0	15+		051	66	35	NW	13		10	BI NOVC W THIN SPOTS	OG
R	2205	E120 0/0	15+		051	65	35	NW	15	+26	10	MANY THIN SPOTS A.C.S.	OG
R	2305	E120 0/0	15+		051	65	34	NW	14		10		OG
R	0005	E120 0/0	15+		051	64	34	NW	10		10		JT
R	0105	E120 0/0	15+		051	63	32	NW	14		10	BI NOVC A.C.S.	JT
R	0205	E120 0/0	15+		054	61	33	NW	12		10	BI NOVC	JT

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 3Tracer Emission from 06202332 to 06290002

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visi- bility (Miles)	Weather Obs. to Vision	Sea Level (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			Total Sky Cover*	Remarks	Obser- vers Ini- tials
								Dir- ec- tion	Speed (mph)	Charac- ter & Shifts			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	2005	60 80 120 0 0 0	15+		176	60	41	NW	9		7	THUR CU	OG
R	2105	60 80 120 0 0 0	15+		183	58	41	NW	9		4		OG
R	2205	80 120 0 0	15+		190	58	39	SW	8		2	FEW SC AC AC	OG
R	2305	120 0	15+		190	55	39	NW	8		1	FEW LWR AC	OG
R	0005	0	15+		193	53	38	NW	8		0	FEW AC AURORA	RK
R	0105	0	15+		193	54	37	NW	10		0	FEW AC AURORA	RK
R	0205	1-0	15+		196	52	35	SW	7		3	FEW AC	RK
R	0305	1-0	15+		200	50	34	SW	6		4	FEW AC	RK
R	0405	1-0	15+		200	50	34	NW	8		3	FEW AC Ci	RK
R	0505	0	15+		207	54	36	W	6		0	FEW AC Ci	RK
R	0605	700	15+		210	59	39	NW	6		1	FEW CU+Ci	RK

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 4Tracer Emission from 07062149 to 07062215

Type	Time	Sky & Ceiling (Hundreds of Feet)	Vis (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			Total Sky Cover*	Remarks	Obser- vers Ini- tials
								Dir- ec- tion	Speed (mph)	Charac- ter & Shfts			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	1705	60 100 0 0	15+		122	73	32	W	17		3	VIRCA + SWIRY NW/NE	JT
R	1805	100 / - 0	15+		122	71	32	W SW	14		1	FEW Cu	JT
R	1905	1 - 0	15+		122	69	32	W	13		6	FEW Cu Ac Cb ch NE E	JT
R	2005	1 - 0	15+		129	62	31	N W	16	+22	3	FEW Sc d Ac	JT
R	2105	1 - 0	15+		132	59	30	W NW	11		3	FEW Ac	JT
R	2205	1 - 0	15+		135	58	30	W NW	4		3	CI	JT
R	2305	1 - 0	15+		139	58	30	W	9		7		JT
R	0005	1 - 0	15+		139	58	30	W	7		10	BKNVC FEW Ac	WS
R	0105	1 - 0	15+		139	56	30	W	7		10	Ac. Cs BKNVC, FEW Ac	WS
R	0205	1 - 0	15+		139	56	28	W	13		7	FEW Ac	WS
R	0305	80 / 0	15+		142	53	27	W	11		6		

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 5Tracer Emission from 0700210 to 07002150

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visi- bility (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			Charac- ter & Shfts	Total Sky Cover*	Remarks	Obser- vers Ini- tials
								Dirac- tion	Speed (mph)					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
R	1805	5120 0/0	15+		213	80	35	N	10		9	VIRGA W4 N	RK	
R	1905	80 0/0 5140	15+		213	75	32	NW	8		8	VIRGA W Ac, Ac	RK	
R	2005	590 0/0 160	15+		213	72	32	NW	9		10	BINDUC	RK	
R	2105	590 0/0	15+		213	71	33	NW	7		10	BINDUC	RK	
R	2205	590 0/0	15+		220	72	32	NW	9		8	Ac	RK	
R	2305	90 0/0	15+		217	66	31	NW	9		3		RK	
R	0005	0	15+		217	64	29	NW	8		0	Few Ac	WS	
R	0105	0	15+		217	62	29	NW	8		0	Few Ac	WS	
R	0205	0	15+		217	64	29	NW	10		0	Few Ac	WS	
R	0305	0	15+		217	62	29	NW	9		0	Ac BULK ON HORIZ	WS	
R	0405	0	15+		220	62	29	NW	10		0	Few Ac	WS	

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 6Tracer Emission from 07102217 to 07102247

Type	Time	Sky & Ceiling (Hundreds of Feet)	Vis (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			Total Sky Cover*	Remarks	Obser- vers Ini- tials
								Dir (°)	Speed (mph)	Char & Shfts			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	1905	/ 0	15+		152	92	40	E	10		1		RK
R	2005	0	15+		152	84	38	E	9		0	FEW C	RK
R	2105	0	15+		159	86	42	NW	14		0		RK
R	2205	0	15+		163	83	40	NW	15		0		RK
R	2305	0	15+		159	81	40	NW	14		0		RK
R	0005	0	15+		152	78	39	NW	11		0		OG
R	0105	0	15+		152	77	38	NW	9		0		OG
R	0205	0	15+		152	74	38	NW	7		0		OG
R	0305	0	15+		156	72	36	NW	11		0		OG
R	0405	0	15+		152	72	35	NW	8		0	FEW Ac	OG

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 7Tracer Emission from 07132201 to 07132231

Type	Time	Sky & Ceiling (Hundreds of Feet)	Vis (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND Dir (°)	Speed (mph)	Charac- ter & Shfts	Total Sky Cover*	Remarks	Obser- vers Ini- tials
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	1405	0	15+		102	87	39	CM	0		0	K LVR ALOFT W	RK
R	2005	0	15+		108	77	36	NE	2		0	FEWCL HOR W KLYR ALOFT W	RK
R	2105	0	15+		105	75	36	NW	12		0	FEW A. W	RK
R	2205	0	15+		112	72	34	NW	9		0	FEW A.	RK
R	2305	0	15+		112	67	32	NW	9		0		RK
R	0005	0	15+		108	67	34	NW	11		0		OG
R	0105	0	15+		112	67	35	NW	12		0		OG
R	0205	0	15+		112	65	35	NW	8		0		OG
R	0305	0	15+		115	64	35	NW	8		0	SMOKY	OG
R	0405	0	15+		115	61	30	S	1		0	MY FEW AC SMOKY	OG
R	0505	0	15+		119	61	33	SE	5		0	K LVR ALOFT W	OG

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 8Tracer Emission from 07152200 to 07152230

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visi- bility (Miles)	Weather Sea and/or Obs. to Vision	Sea Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			Total Sky Cover #	Remarks	Obser- vers Ini- tials
								Direction	Speed (mph)	Character & Shifts			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	1905	0	15+		108	89	34	E	6		0		WS
R	2005	0	15+		115	82	31	ESE	5		0		WS
R	2105	0	15+		122	80	32	NW	9		0		WS
R	2205	0	15+		125	77	38	NW	12		0		WS
R	2305	0	15+		129	76	40	NW	9		0		WS
R	0005	0	15+		129	74	39	NW	11		0		OG
R	0105	0	15+		132	74	38	NW	9		0		OG
R	0205	0	15+		132	72	38	NW	10		0		OG
R	0305	0	15+		135	70	37	SW	7		0		OG
R	0405	0	15+		142	68	35	NW	8		0		OG
R	0505	0	15+		146	70	38	NW	10		0		OG

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 9Tracer Emission from 07162324 to 07162354

Type	Time	Sky & Ceiling (Hundreds of Feet)	Vis (Miles)	Weather Sea and/or Level Obs. to Vision (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			Total Sky Cover*	Remarks	Obser- vers Ini- tials
							Direction	Speed (nph)	Character & Shifts			
1	2	3	4	5	7	8	9	10	11	12	13	14
R	2005	0	15+		85	37	N	3		0	Few Ac Ci	WS
R	2105	0	15+		79	32	SW	2		0	Few Ac Ci	WS
R	2205	0	15+		77	30	NW	9		0	Few Ci	WS
R	2305	0	15+		76	32	NE	10		0	Few Ci	WS
R	0005	0	15+		79	37	NW	12		0	Few Ci	OG
R	0105	0	15+		75	36	NW	6		0	Few Ci	OG
R	0205	0	15+		75	37	NW	8		0	Few Ci	OG
R	0305	0	15+		74	37	N	12		0	Few Ci	OG
R	0405	0	15+		74	36	NW	12		0	HAZY	OG
R	0505	0	15+		72	36	NW	8		0	Few Ac SW	OG

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 10Tracer Emission from 07192200 to 07192230

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visibility (Miles)	Weather and/or Obs. to Vision	Sea Level (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			* Total Sky Cover	Remarks	Observ- ers Ini- tials
								Direction	Speed (mph)	Character & Shifts			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	1905	0	15+		061	99	40	NW	18	+25	0	Few Ac	WS
R	2005	0	15+		064	93	38	NW	17	+24	0	CONTAINS NW FEW Ac SMOKY	WS
R	2105	0	15+		071	89	42	NW	16	+23	0	SMOXY	WS
R	2205	0	15+		071	87	40	NW	18	+24	0	SMOXY	WS
R	2305	0	15+		071	86	38	NW	17		0	SMOXY	WS
R	0005	0	15+		071	83	35	NW	10		0		ST
R	0105	0	15+		071	83	34	NW	14		0		ST
R	0205	0	15+		071	79	35	NW	11		0		ST
R	0305	0	15+		071	78	35	NW	11		0		ST

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 11Tracer Emission from 07212200 to 07212230

Type	Time	Sky & Ceiling (Hundreds of Feet)	Vis. (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			Total Sky Cover*	Remarks	Obser- vers Ini- tials
								Direction	Speed (mph)	Character & Shifts			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	1905	0	15+		068	97	44	SE	5		0		WS
R	2005	0	15+		075	90	40	SE	11		0		WS
R	2105	0	15+		081	85	36	SE	10		0		WS
R	2205	0	15+		085	80	34	NW	5		0		WS
R	2305	0	15+		088	80	38	W	5		0		WS
R	0005	0	15+		091	79	37	NW	8		0		JT
R	0105	0	15+		088	80	38	NW	6		0		JT
R	0205	0	15+		095	76	37	N	4		0		JT
R	0305	0	15+		098	73	36	Lin	0		0		JT
R	0405	0	15+		105	73	34	Lin	0		0		JT
R	0505	0	15+		108	69	33	Lin	0		0		JT

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 12Tracer Emission from 07230015 to 07230045

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visibility (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			Total Sky Cover*	Remarks	Observ- ers Ini- tials
								Direction	Speed (mph)	Character & Shifts			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	2105	1-0	15+		085	92	38	SE	13		3	Few Cu Acc AG	OG
R	2205	90/-0	15+		085	89	38	W	1		3	Acc Ci	OG
R	2305	1-0	15+		088	84	36	W	6		3	Few Acc	OG
R	0005	120/-0	15+		085	84	38	W	8		7	DL 2330 (SEE)	JT
R	0105	5160 0	15+		085	84	38	W	7		10	Few Acc As BKNVC	JT
R	0205	1-0	15+		088	85	38	W	7		10	BKNVC Few Acc	JT
R	0305	120/-0	15+		085	84	39	W	9		10	BKNVC	JT
R	0405	100 E 150 0 0/0	15+		088	83	39	W	6		10	BKNVC Acc As G	JT

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 13Tracer Emission from 07242230 to 07242300

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visibility (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (OF)	Dew Pt. (OF)	WIND			Total Sky Cover*	Remarks	Obser- vers Ini- tials
								Direction	Speed (mph)	Character- istic & Shifts			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	1405	0	15+		135	87	33	N	20	+28	0		DJ
R	2005	0	15+		142	82	33	NW	20	+26	0		DJ
R	2105	0	15+		149	78	32	NW	19	+30	0		DJ
R	2205	0	15+		152	76	31	NW	16	+23	0		DJ
R	2305	0	15+		159	75	32	N	12		0		DJ
R	0005	0	15+		159	75	32	N	9		0		RK
R	0105	0	15+		166	73	32	N	8		0		RK
R	0205	0	15+		166	70	32	N	2		0		RK
R	0305	0	15+		173	62	29	E	5		0		RK

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 14Tracer Emission from Q129000S to Q129003S

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visibility (Miles)	Weather Sea and/or Level Obs. to Vision (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			Total Sky Cover*	Remarks	Obs- ers Ini- tials
							Direction	Speed (mph)	Character & Shifts			
1	2	3	4	5	7	8	9	10	11	12	13	14
R	2105	0	15+		64	21	SE	7		0		DJ
R	2205	0	15+		63	20	SW	4		0		DJ
R	2305	0	15+		59	18	SW	5		0		DJ
R	0005	0	15+		59	19	W	9		0		RK
R	0105	0	15+		55	17	W	4		0		RK
R	0205	0	15+		58	20	W	6		0		RK
R	0305	0	15+		57	22	W	4		0		RK
R	0405	0	15+		55	23	W	8		0		RK
R	0505	0	15+		56	25	W	8		0		RK
R	0605	0	15+		63	28	W	9		0		RK

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 15Tracer Emission from 07310010 to 07310040

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visibility (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			Charac- ter & Shfts	Total Sky Cover #	Remarks	Obser- vers Ini- tials
								Dirac- tion	Speed (mph)					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
R	2105	0	15+		132	78	27	N	8		0		JT	
R	2205	0	15+		135	75	26	NW	5		0		JT	
R	2305	0	15+		135	74	26	NW	9		0		JT	
R	0005	0	15+		135	73	27	N	6		0		RK	
R	0105	0	15+		135	75	27	W	6		0		RK	
R	0205	0	15+		132	74	26	NW	9		0		RK	
R	0305	0	15+		135	74	26	N	12		0		RK	
R	0405	0	15+		132	73	26	N	12		0	Few Ac	RK	
R	0505	0	15+		132	71	26	N	12		0	Few Ac BDN	RK	
R	0605	0	15+		135	76	29	N	11		0	Few Ac BDN	RK	

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 16Tracer Emission from 08052310 to 08052340

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visibility (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			Total Sky Cover*	Remarks	Observations Initials
								Direction	Speed (mph)	Character & Shifts			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	2005	0	15+		183	71	34	SE	8		0	FEW Ci	RK
R	2105	0	15+		183	66	36	SW	8		0		RK
R	2205	0	15+		314 190	66	36	W SW	9		0		RK
R	2305	0	15+		190	64	34	W	5		0		RK
R	0005	0	15+		186	63	34	W	6		0		WS
R	0105	0	15+		807 183	63	41	W	9		0		
R	0205	0	15+		183	65	46	W	8		0	Few Ac, Ci	✓
R	0305	0	15+		183	65	48	W	8		0	Few Ac, Ci	✓
R	0405	1-0	15+		503 180	65	49	W	10		3	Few Ac, Ci	✓
R	0505	1-0	15+		186	58	44	S	6		2	Few Ac	✓
R	0605	1-0	15+		190	61	39	SW	2		1		✓

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 17Tracer Emission from 08072120 to 08072200

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visibility (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND Speed (mph)	Direction	Character & Shifts	Total Sky Cover %	Remarks	Observ- ers Ini- tials
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	1905	1-⊕	15+		717 125	91	38	SE	4		10	Ac, Cs BINOV FawAc	RK
R	2005	1-⊕	15+		135	85	43	NW	18		10	BINOV	✓
R	2105	1-⊕	15+		139	82	41	NW	20	+24	10	BINOV	✓
R	2205	1-⊕	15+		317 142	80	40	NW	16		10	ss BINOV	✓
R	2305	1-⊕	15+		146	80	42	NW	16		8		✓
R	0005	1-⊕	15+		149	76	44	NW	13		8		OG
R	0105	1-⊕	15+		204 146	75	44	NW	11		8	Cs	✓
R	0205	1-⊕	15+		149	73	42	NW	7		8		✓
R	0305	1-⊕	15+		156	70	41	NW	10		6		✓
R	0405	1-⊕	15+		110 156	67	42	NW	9		3	Ci	✓

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 18Tracer Emission from 08092145 to 08092215

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visi- bility (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			Total Sky Cover*	Remarks	Obser- vers Ini- tials
								Dir- ect	Speed (mph)	Charac- ter & Shfts			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	1905	1600/-⊕	15+		607 091	87	37	S E	5		10	A, C, CONTRAS W	RK
R	2005	1600/-⊕	15+		091	80	35	SE	7		10	BINOVC FEW AC	✓
R	2105	1600/-⊕	15+		091	80	30	W NW	11		10	BINOVC	✓
R	2205	1-⊕	15+		400 091	79	28	N W	14		10	Cs BINOVC	✓
R	2305	1-⊕	15+		091	78	29	N W	17	+24	10	BINOVC	✓
R	0005	1-⊕	15+		098	74	29	N W	8		10		OG
R	0105	1-⊕	15+		000 091	72	28	N W	8		7	Cs	✓
R	0205	1-⊕	15+		091	69	30	N W	10		7		✓
R	0305	1-⊕	15+		091	66	29	N W	7		7		✓
R	0405	1-⊕	15+		703 088	65	30	N W	7		7	FEW AC, Ci	✓
R	0505	1700/-⊕	15+		091	59	28	W	6		10	BINOVC	✓

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 19Tracer Emission from 08112145 to 08112215

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visibility (Miles)	Weather Sea and/or Level Obs. to Vision (Mb)	Temp. (°F)	Dew Pt. (°F)	Wind Direction	Wind Speed (mph)	Character of Wind	Shifts & Clouds	Total Sky Cover *	Remarks	Observ- ers Ini- tials
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	1905	E120 ⊕	15+		500 115	77	50	NW	16	+23	10	BNONC VIRGA S	RK
R	2005	E120 ⊕	15+		108	75	42	NW	16		10	BRK NW	✓
R	2105	E100 ⊕	15+		115	73	43	NW	11	+23	10	BRK NW	✓
R	2205	E100 ⊕	15+		204 119	73	41	NW	22	+30	10	Ac	✓
R	2305	E90 ⊕	15+	R--	129	72	41	NW	17	+24	10		✓
R	0005	E90 ⊕	15+	R--	135	70	43	NW	9		10		OG
R	0105	90 ⊕	15+		116 135	66	44	NW	13	+20	3	RE15 Ac	✓
R	0205	90 ⊕	15+		139	64	46	NW	16	+22	2		✓
R	0305	90 ⊕	15+		135	64	44	NW	10	+16	2		✓

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 20Tracer Emission from 0840021 to 0840051

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visibility (Miles)	Weather and/or Obs. to Vision	Sea Level (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			Total Sky Cover*	Remarks	Observ- ers Ini- tials
								Direction	Speed (mph)	Character & Shifts			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	2105	0	15+		173	65	44	W	19	+26	0		WS
R	2205	0	15+		173	64	44	W	16	+22	0		✓
R	2305	0	15+		176	64	43	W	7		0		✓
R	0005	0	15+		180	62	42	W	7		0		OG
R	0105	0	15+		180	61	42	W	8		0		✓
R	0205	0	15+		183	61	42	W	9		0	Few Ac	✓
R	0305	0	15+		190	58	42	W	7		0	Few Ac	✓
R	0405	0	15+		190	58	42	W	8		0	Few Ac	✓
R	0505	0	15+		193	54	41	W	3		0	Few Ac	✓
R	0605	0	15+		196	60	44	W	3		0	Few Ac, Ci	✓

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 21Tracer Emission from 08142108 to 08142138

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visibility (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	Direction	Speed (mph)	Character & Shifts	Total Sky Cover %	Remarks	Observ- ers Ini- tials
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	1805	E80⊕	15+		075	86	32	E	3		10	VIRGA NW BKNOC, HEC CUs Vshl	WS
R	1905	E80⊕	15+		613 075	83	30	E	4		10	Ac BKNOC, HEC CUs Vshl	✓
R	2005	E80⊕	15+		078	81	37	W	6		9		✓
R	2105	80⊕	15+		081	78	44	W	11		3		✓
R	2205	0	15+		003 078	76	44	NW	14		0	Few Ac	✓
R	2305	0	15+		078	75	43	NW	15	+21	0	Few Ac	✓
R	0000	1-⊕	15+		078	73	45	NW	15		1	Few Ac	JT
R	0100	1-⊕	15+		400 078	72	47	W	16	+20	1	Few Ac Ci	✓
R	0200	0	15+		078	71	47	W	22		0	Few Ac Ci	✓
R	0300	1-⊕	15+		078	71	46	W	15		4	Few Ac	✓
R	0405	1-⊕	15+		203 081	67	46	W	6		3	Few Ac Ci	✓

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1
 SURFACE WEATHER OBSERVATIONS
 Experiment No. 22
 Tracer Emission from 08172050 to 08172120

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visi- bility (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			Total Sky Cover*	Remarks	Obser- vers Ini- tials
								Dir- ec- tion	Speed (mph)	Char- ac- ter & Shifts			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	1905	180 0/-0	15+		503 078	70	39	NW	14		1	Sc, Ac, C, FEW Sc	WS
R	2005	0	15+		081	67	39	NW	15		0	FEW Sc, Ac, Ci	✓
R	2105	0	15+		085	65	41	NW	16		0	FEW Sc, Ac	✓
R	2205	150 0	15+		210 088	64	42	NW	17	+21	1	Ac	✓
R	2305	150 0	15+		091	62	42	W	10		1	HAD 3 REPORTS OF AC @ 1445 CAUSE TRACER APPL.	✓
R	0005	150 0	15+		091	61	43	W	6		1		JT
R	0105	120 0	15+		007 095	58	41	W	6		3	Ac	✓
R	0205	100 0	15+		091	58	42	W	6		9		✓
R	0305	100 0	15+		091	59	42	W	5		5		✓

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 23Tracer Emission from QNB2050 to QNB2120

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visibility (Miles)	Weather Sea and/or Level Obs. to Vision (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			Total Sky Cover *		Remarks	Observer Initials	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	1805	600/0	15+			075	76	40	cm	0		2		WS
R	1905	60 80 / -0	15+			603 075	71	39	cm	0		1	Sc, Ac, Ci	✓
R	2005	800	15+			078	69	43	NW	15		1	Few Sc	✓
R	2105	800	15+			085	68	43	NW	16		2		✓
R	2205	800	15+			213 088	66	44	NW	16	+23	3	Ac	✓
R	2305	0	15+			088	65	44	NW	13		0	Few Ac	✓
R	0005	0	15+			091	64	44	W	10		0	Few Ac	ST
R	0105	0	15+			000 088	63	44	W	9		0	Few Ac	✓
R	0205	0	15+			088	60	43	W	6		0	Few Ac, Ci	✓

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 24Tracer Emission from 08250002 to 08250032

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visibility (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND			* Total Sky Cover	Remarks	Observ- ers Ini- tials
								Direction	Speed (mph)	Character & Shifts			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	2105	0	15+		119	68	43	W	19	+25	0	Few Cs, Ds, Y	OG
R	2205	0	15+		141 129	64	43	W	7		0	Ds, Y	✓
R	2305	0	15+		135	60	43	W	8		0		✓
R	0005	0	15+		135	60	44	W	6		0	Few Ac	RK
R	0105	0	15+		310 139	59	43	W	8		0	Few Ac, Ci	✓
R	0205	0	15+		142	58	44	W	10		0	Few Ac, Ci	✓
R	0305	1-0	15+		146	56	45	W	8		2	Few Ac	✓
R	0405	1400/-0	15+		210 149	56	46	W	8		2	Ac, Ci	✓
R	0505	1200/-0	15+		152	53	44	W	7		5		✓

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 25Tracer Emission from 08252208 to 08252238

Type	Time	Sky & Ceiling (Hundreds of Feet)	Vis (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND Direction	WIND Speed (mph)	Charac- ter & Shfts	Total Sky Cover*	Remarks	Obser- vers Ini- tia's
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	1905	1600/-⊕	15+		717 061	80	35	S	5		10	BINOVC AsC	OG
R	2005	E150 ⊕/⊕	15+		061	78	42	NW	15		10		✓
R	2105	E150 ⊕	15+		064	75	42	NW	15		10		✓
R	2205	E130 ⊕	15+		000 061	74	40	NW	10		10	Ac	✓
R	2305	E100 ⊕	15+		064	74	40	NW	16	+26	10		✓
R	0005	E100 ⊕	15+	R--	064	72	43	NW	15		10		RK
R	0105	E100 ⊕	15+		103 064	68	47	NW	5		10	BINOVC Ac	✓
R	0205	E100 ⊕	15+		064	70	44	NW SW	4		10	MOOD DIMLY BINOVC visbl	✓
R	0305	E100 ⊕	15+		064	69	42	NW	4		10	BINOVC	✓

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 26Tracer Emission from Q82R2100 to Q82R2130

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visibility (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	WIND		Total Sky Cover*	Remarks	Observ- ers Ini- tials	
								Direction	Speed (mph)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	1805	160 0/0	15+		115	72	31	WS	9		10	few Sc Ci Bknovc	JT
R	1905	160 0/0	15+		304 119	69	34	WS	6		10	As Cs few Sc Bknovc	✓
R	2005	160 0/0	15+		129	66	38	NW	8		10	Bknovc few Sc	✓
R	2105	160 0/0	15+		129	66	36	NW	15		10		✓
R	2205	150 0/0	15+		220 139	63	38	NW	12		10	Bknovc As Cs	✓
R	2305	E150 0	15+		146	62	38	NW	12		10		✓
R	0005	E150 0	15+		149	61	38	NW	10		7		WS
R	0105	150 0/-0	15+		213 152	59	39	WNW	10		6	As Cs	✓
R	0205	E150 0/0	15+		156	57	39	W	10		7		✓
R	0305	150 0/-0	15+		163	55	40	W	7		6		✓
R	0405	E150 0/0	15+		111 163	56	39	W	7		8	As Cs	✓

*Total Sky Cover is expressed on a scale from 0 to 10.

TABLE XV-1

SURFACE WEATHER OBSERVATIONS

Experiment No. 98Tracer Emission from 08302125 to 08302225

Type	Time	Sky & Ceiling (Hundreds of Feet)	Visibility (Miles)	Weather and/or Obs. to Vision	Sea Level Press. (Mb)	Temp. (°F)	Dew Pt. (°F)	Wind Dir	Wind Speed (mph)	Character of Wind	Total Cover %	Remarks	Obs- ers Ini- tials
1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	1905	120 / -	15+		104 115	73	40	N	W	+20	2	Few Cu Acc Acc Ci	JT
R	2005	E120 ⊕	15+		122	70	44	N	W	+27	6		✓
R	2105	E120 ⊕	15+		207 119	69	45	N	W	+26	10		✓
R	2205	E100 ⊕	15+	R--	122	65	45	N	W	17	10	R-- b2145 Acc	✓
R	2305	E100 ⊕	15+	R--	122	64	42	N	W	12	10		✓
R	0005	E90 ⊕	15+	R--	122	64	44	N	W	8	10	R-- b0000 P-- e2325	WS
R	0105	E90 ⊕	15+		803 119	62	43	N	W	7	10	P-- e0045 Acc	✓
R	0205	E150 E100 ⊕	15+		119	62	41	N	W	8	7		✓
R	0305	E10 150 ⊕	15+	R--	122	60	45	N	W	7	10		✓

*Total Sky Cover is expressed on a scale from 0 to 10.

XVI Temperature Data from 400-ft Meteorology Tower

Table XVI-1, pages 152 through 190, contains values of temperature, in degrees Fahrenheit, as measured at eight heights on the 400-ft meteorology tower. The instrumentation is described in Chapter VIII of Volume I.

The basic data are read from the strip charts. Missing or doubtful data are denoted by a dash. The start and termination of tracer emission are given for easy reference. The date-time group 06190128 denotes June 19, 0128 PST.

TABLE XVI-1

Values of Temperature at 400-ft Meteorology Tower
(Temperatures in °F)

EXPERIMENT NO. 1		(TRACER EMISSION FROM 06190128 TO 06190158)						
Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0138	69.7	78.4	76.9	77.5	77.0	77.5	76.5	76.3
32	68.3	78.3	77.0	76.9	78.1	76.9	77.0	77.7
36	67.2	77.7	76.9	76.5	76.9	77.9	77.0	76.8
40	68.2	76.2	76.9	76.9	78.5	78.1	77.1	77.1
44	67.7	75.4	76.8	76.2	77.9	78.3	77.8	76.9
48	68.3	75.3	76.7	76.4	78.1	79.7	77.2	77.5
52	68.8	74.6	76.4	76.9	77.8	78.5	78.1	77.0
56	68.2	74.9	77.2	76.8	78.5	77.9	77.0	77.4
0200	68.1	74.0	76.4	76.3	77.1	78.4	77.8	77.0
04	68.6	74.5	75.7	75.5	77.8	78.5	77.5	77.4
08	68.7	74.8	74.9	75.3	77.1	78.2	77.9	77.0
12	67.3	74.3	75.0	74.9	76.2	77.2	77.0	77.5
16	67.4	74.0	73.8	75.1	76.9	78.4	78.5	77.1
20	67.9	73.8	75.1	75.3	77.7	78.4	77.5	77.6
24	67.6	74.0	74.4	75.2	76.9	78.5	78.2	77.4
28	67.0	73.5	74.6	74.5	76.8	77.9	77.1	77.2
32	66.5	74.1	74.2	75.0	76.6	77.8	77.9	77.5
36	65.8	74.5	74.5	74.5	76.8	77.3	76.9	77.2
40	66.2	74.4	73.9	74.9	75.5	77.2	77.7	77.1
44	65.6	74.5	74.6	74.0	76.1	77.5	76.8	77.0
48	66.1	74.4	73.8	74.2	75.3	76.0	75.9	75.5
52	65.7	73.8	73.5	73.5	75.3	77.0	76.9	76.2
0300	66.2	73.3	73.3	74.4	75.0	75.9	76.8	76.4
04	66.4	73.5	74.5	73.6	74.6	74.7	74.9	76.0
08	66.7	71.9	73.8	73.8	74.2	74.6	75.5	76.2
12	67.1	71.6	73.3	73.7	74.6	74.1	75.3	76.2
16	66.2	72.6	73.3	73.8	73.8	74.5	76.1	76.1
20	67.0	73.2	72.6	73.3	74.4	74.1	75.4	76.0
24	67.2	73.0	72.2	73.5	73.6	75.5	76.8	75.8
26	67.8	73.5	73.6	73.3	73.8	76.0	76.1	76.4
32	67.8	72.2	71.8	72.8	74.3	76.8	76.3	75.8
36	69.0	71.1	72.3	72.3	76.2	76.0	76.2	76.2
40	68.8	72.0	72.3	73.6	76.4	76.9	77.0	76.3
44	67.9	71.8	72.6	73.2	76.6	76.8	76.2	76.0
48	68.2	71.8	71.8	73.5	77.1	77.2	77.1	76.0
52	68.1	71.1	72.8	75.8	77.1	77.2	76.3	76.4
56	67.9	70.9	73.6	75.9	76.8	77.5	77.0	76.2
0400	67.4	70.8	73.6	76.2	77.7	77.3	76.7	76.6
04	66.8	71.2	73.8	74.8	77.3	77.6	77.4	76.6
08	66.7	70.8	74.5	74.1	76.9	77.3	76.5	76.5
12	66.3	71.2	74.2	74.4	75.1	76.7	76.8	76.1
16	67.1	71.4	73.3	73.7	75.6	75.5	75.8	75.9
20	67.5	70.9	73.3	73.6	74.5	76.2	76.0	75.9

TABLE XVI-1 (Cont)

EXPERIMENT NO. 2		(TRACER EMISSION FROM 00252304 TO 06252318)						
Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
2304	64.8	65.2	64.7	64.5	64.7	64.3	63.9	63.5
08	65.4	65.2	64.7	64.2	64.5	64.2	63.9	63.5
12	65.0	65.2	64.7	64.3	64.6	64.2	63.9	63.5
16	65.2	65.2	64.7	64.3	64.5	64.1	63.9	63.3
20	65.0	65.1	64.5	64.1	64.4	64.0	63.8	63.3
24	64.8	65.0	64.3	64.0	64.1	63.8	63.6	63.2
28	64.3	64.8	64.2	64.0	64.2	63.9	63.7	63.2
32	64.4	64.8	64.2	63.8	64.1	63.8	63.6	63.2
36	64.5	64.8	64.2	63.9	64.2	63.8	63.5	63.1
40	64.4	64.7	64.2	63.8	64.0	63.6	63.5	63.0
44	64.2	64.7	64.1	63.7	64.1	63.7	63.5	63.1
48	64.2	64.7	64.1	63.8	63.9	63.7	63.4	62.9
52	64.2	64.6	64.0	63.8	64.0	63.6	63.4	62.9
56	63.9	64.4	63.9	63.6	63.8	63.5	63.3	62.8
0000	63.9	64.5	63.9	63.5	63.8	63.3	63.2	62.8
0004	63.9	64.4	63.8	63.4	63.8	63.3	63.1	62.7
08	63.9	64.2	63.7	63.5	63.7	63.2	63.1	62.6
12	63.9	64.2	63.7	63.5	63.6	63.2	63.0	62.6
16	63.8	64.1	63.6	63.2	63.5	63.1	62.9	62.4
20	63.6	64.0	63.5	63.2	63.5	63.1	62.9	62.4
24	63.7	63.9	63.4	63.0	63.2	62.8	62.8	62.2
28	63.4	63.8	63.2	63.0	63.4	63.0	62.7	62.2
32	63.5	63.9	63.4	63.1	63.3	63.0	62.8	62.2
36	63.5	63.6	63.2	62.8	63.0	62.7	62.4	62.0
40	63.4	63.8	63.0	62.8	63.1	62.8	62.5	62.0
44	63.5	63.6	63.0	62.6	62.8	62.3	62.2	61.8
48	63.2	63.5	62.9	62.5	62.7	62.3	62.1	61.7
52	63.0	63.2	62.7	62.3	62.5	62.1	61.9	61.5
56	62.6	63.0	62.3	62.3	62.5	62.1	61.9	61.5
0100	62.8	63.1	62.5	62.2	62.3	62.0	61.8	61.3
04	62.6	63.1	62.4	62.1	62.3	61.9	61.8	61.3
08	62.3	62.8	62.2	61.9	62.0	61.6	61.6	61.1
12	62.2	62.6	62.1	61.8	62.1	61.8	61.5	61.1
0116	62.2	62.8	62.2	61.8	61.9	61.5	61.3	60.9
20	62.0	62.4	61.8	61.5	61.9	61.5	61.3	61.0
24	62.0	62.4	61.9	61.5	61.8	61.5	61.3	60.9
28	61.9	62.5	61.9	61.6	61.8	61.4	61.2	60.9
32	61.9	62.2	61.6	61.4	61.6	61.4	61.3	60.9

TABLE XVI-1 (Cont)

EXPERIMENT NO. 3

(TRACER EMISSION FROM 06282332 TO 06290002)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
2332	55.8	57.4	57.4	57.7	59.7	60.6	60.8	60.5
36	55.1	57.0	57.1	57.9	59.8	60.1	60.4	60.4
40	54.8	56.7	57.5	58.8	59.6	60.3	60.6	60.5
44	54.2	56.6	57.6	58.8	60.2	60.5	60.5	60.5
48	54.0	56.7	58.0	58.9	60.7	60.8	60.8	60.3
52	54.0	56.5	58.1	59.2	60.9	60.9	60.8	60.3
56	53.9	56.2	58.0	58.8	60.5	60.8	60.8	60.3
0000	53.3	56.0	57.7	59.2	60.7	60.6	60.5	60.1
0004	53.4	55.5	56.8	58.8	60.5	60.5	60.5	60.1
08	53.0	55.5	57.3	58.7	60.5	60.5	60.5	59.9
12	53.1	55.8	57.2	59.3	61.0	60.6	60.4	60.0
16	53.3	55.8	57.8	59.9	60.9	60.5	60.5	59.9
20	53.3	55.6	57.4	59.8	61.0	60.8	60.5	60.1
24	53.5	55.9	57.8	59.5	60.9	60.5	60.5	60.0
28	54.0	56.7	58.2	60.2	61.0	60.8	60.5	60.1
32	54.1	56.7	57.9	60.1	60.8	60.6	60.5	60.1
36	54.1	56.8	57.7	59.0	60.9	60.8	60.5	60.1
40	54.2	56.5	57.6	58.8	60.3	60.2	60.4	60.1
44	54.0	56.3	57.9	59.5	60.6	60.5	60.4	60.2
48	53.9	56.8	58.0	59.1	60.5	60.6	60.5	60.2
52	53.9	56.8	58.2	59.2	60.8	60.8	60.6	60.4
56	54.0	57.2	58.2	58.7	60.1	60.3	60.5	60.3
0100	54.0	56.4	57.7	58.6	60.2	60.5	60.5	60.2
04	54.2	56.8	57.8	58.6	60.2	60.3	60.2	60.2
08	54.6	56.9	57.9	58.7	59.9	60.1	60.2	60.1
12	54.9	57.2	57.7	58.2	59.6	60.3	60.4	60.1
16	54.8	57.1	57.6	58.3	59.9	60.2	60.4	60.1
20	54.5	56.8	57.2	57.8	58.9	59.8	59.9	59.8
24	54.5	56.2	56.4	56.9	58.0	58.3	59.3	59.7
28	55.1	56.8	56.7	56.9	58.1	58.8	59.4	59.5
32	55.0	57.2	57.4	57.6	58.2	58.7	59.3	59.5
36	55.2	57.5	57.6	57.8	58.3	58.5	59.2	59.5
40	54.3	56.5	56.6	57.0	57.4	57.5	58.3	58.9
0144	52.1	56.4	56.8	57.0	58.1	58.1	58.1	58.8
48	51.8	57.1	57.5	57.5	58.1	58.0	58.3	59.0
52	51.2	57.1	57.2	57.6	58.0	58.0	58.0	58.8
56	51.3	57.5	57.4	57.6	58.3	57.9	57.9	58.7
0200	52.5	57.9	57.3	57.7	58.0	57.9	57.9	58.6
04	52.8	57.8	57.5	57.4	57.7	57.6	58.0	58.9
08	53.1	57.9	57.4	57.4	58.0	58.2	58.4	58.8
12	53.2	57.7	57.6	57.7	58.5	58.2	58.3	59.0
16	52.5	57.6	57.6	57.6	58.4	58.6	58.7	59.4
20	53.0	57.5	57.7	57.8	58.3	58.5	58.8	59.3
24	53.7	57.4	57.7	58.0	58.6	58.4	58.6	59.3
28	53.1	57.4	57.5	57.5	58.2	58.2	58.6	58.3
32	51.6	57.6	57.6	57.7	58.3	58.4	58.4	58.3
36	51.3	57.7	57.6	57.7	58.1	58.0	58.7	59.2
40	51.8	57.5	57.5	57.5	58.0	58.6	59.0	59.4
44	53.0	57.0	57.5	57.5	58.0	58.2	59.2	59.3
48	51.8	57.2	57.2	57.2	58.1	58.7	59.2	59.3
52	51.2	56.6	56.8	57.0	57.9	58.3	59.0	59.2
56	50.8	56.3	56.9	57.1	57.8	58.1	58.9	59.3

TABLE XVI-1 (Cont)

EXPERIMENT NO. 3 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0300	50.0	56.2	56.7	57.0	57.9	58.0	59.3	59.4
04	49.6	56.1	56.8	57.1	58.0	58.3	59.3	59.5
08	49.5	56.1	56.9	57.1	57.9	58.1	59.2	59.4
12	49.2	56.4	56.7	57.0	58.1	58.7	59.4	59.6
16	49.6	56.3	56.5	57.0	58.0	58.3	59.0	59.5
20	49.5	56.1	56.7	57.2	58.1	58.7	59.6	59.7
24	49.8	56.1	56.9	57.4	58.3	58.9	60.0	59.9
28	49.5	56.2	57.2	57.7	58.3	59.0	60.1	60.0
32	49.5	56.5	57.5	57.7	58.5	59.0	60.0	60.0
36	49.8	56.4	57.2	57.8	58.9	59.9	60.0	60.0
40	49.9	56.8	57.1	57.9	59.0	60.0	60.1	60.0
44	49.9	56.7	57.8	58.1	59.2	60.1	60.1	60.0
48	50.2	56.7	57.3	57.9	58.9	59.3	60.1	59.9
52	50.6	56.5	57.4	58.2	59.0	59.9	60.1	59.9
0356	50.9	56.5	57.5	58.2	59.0	59.3	59.8	59.7
0400	52.2	56.9	57.9	58.2	59.2	59.9	60.0	59.8
04	51.9	57.0	58.0	58.4	59.3	59.9	60.3	59.8
08	50.9	57.3	58.0	58.4	59.5	59.9	60.1	60.1
12	50.6	57.2	58.5	58.5	59.1	59.5	60.1	60.1
16	50.8	57.3	58.6	58.5	59.0	59.3	59.0	60.4
20	49.7	57.1	58.6	58.5	58.9	58.9	59.6	60.2
24	49.5	57.1	58.5	58.4	58.9	58.9	59.3	60.2
28	49.9	57.6	58.6	58.4	58.9	58.8	59.6	60.1
32	50.1	57.8	58.4	58.3	59.1	59.8	60.0	60.2
36	51.0	57.6	58.5	58.5	58.9	59.3	59.9	60.1
40	51.1	56.8	57.8	58.2	58.8	58.8	59.5	60.0
44	51.0	56.7	57.3	57.8	58.3	58.2	58.7	60.0
48	51.1	56.0	57.5	57.6	58.2	58.0	58.3	59.8
52	51.0	56.9	57.9	57.7	58.2	58.4	58.8	59.7
56	51.8	56.5	57.8	57.7	58.5	58.6	58.6	59.7
0500	53.0	56.3	58.0	58.0	58.5	58.2	58.5	59.0

EXPERIMENT NO. 4

(TRACER EMISSION FROM 07062149 TO 07062215)

2148	56.0	58.6	58.6	58.6	59.2	59.1	59.1	58.8
52	54.8	58.8	58.5	58.4	59.0	58.9	59.0	58.6
56	56.6	58.5	58.5	58.5	59.1	58.9	58.8	58.4
2200	57.7	58.6	58.4	58.5	58.8	58.4	58.3	57.9
04	57.1	58.3	58.1	58.1	58.8	58.5	58.5	58.3
08	57.1	58.3	58.2	58.2	58.7	58.7	58.7	58.7
12	57.8	58.9	58.7	58.6	59.0	59.0	59.1	59.0
16	58.1	59.0	58.7	58.5	58.9	58.9	58.7	58.3
20	58.0	58.8	58.3	58.2	58.8	58.6	58.7	58.8
24	57.4	58.5	58.4	58.5	59.1	59.0	59.1	58.9
28	58.1	59.1	59.0	58.9	59.2	58.9	59.0	59.0
32	58.3	59.3	59.4	59.4	59.9	59.8	59.7	59.4
36	58.6	59.3	59.0	58.9	59.1	59.0	59.0	58.8
40	58.4	59.1	58.8	58.8	59.2	60.0	60.0	58.6
44	58.2	58.9	58.7	58.4	58.8	58.4	58.3	58.3
48	57.9	58.6	58.1	58.0	58.5	58.5	58.5	58.2
52	57.5	58.5	58.2	58.5	58.9	58.6	58.5	58.3
56	58.2	59.1	58.8	58.4	58.7	58.4	58.3	58.1

TABLE XVI-1 (Cont)

EXPERIMENT NO. 4 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
2300	58.2	59.1	58.7	58.4	58.9	58.4	58.3	58.0
4	58.1	59.2	58.7	58.4	58.7	58.2	58.1	57.9
8	58.1	59.1	58.6	58.4	58.6	58.2	58.1	57.8
12	58.6	58.8	58.5	58.5	58.2	58.1	58.0	57.9
16	58.5	59.0	58.6	58.2	58.6	58.2	58.0	57.8
20	57.8	58.6	58.3	58.0	58.5	58.1	58.0	57.8
24	57.8	58.5	58.1	57.8	58.1	57.9	57.9	57.4
28	57.8	57.9	58.0	57.9	58.5	58.1	57.9	57.5
32	58.4	58.7	58.4	58.1	58.4	57.9	57.8	57.4
36	57.8	58.8	58.3	58.0	58.3	58.0	57.9	57.5
40	58.2	58.7	58.2	58.2	58.2	57.9	57.8	57.4
44	58.1	58.7	58.1	57.8	58.2	57.9	57.8	57.3
48	57.6	58.6	58.2	57.9	58.2	57.8	57.7	57.2
52	57.3	58.5	58.1	57.8	58.1	57.8	57.7	57.3
56	56.9	58.5	58.0	57.7	57.9	57.5	57.5	57.2
0000	57.2	58.2	58.1	57.8	58.0	57.7	57.5	57.1
04	57.5	58.2	57.8	57.6	57.8	57.5	57.4	57.0
08	56.9	58.2	57.8	57.6	58.0	57.8	57.6	57.1
12	56.7	57.9	57.7	57.5	57.9	57.5	57.5	57.2
16	56.6	57.8	57.7	57.5	58.0	57.8	57.7	57.2
20	56.3	57.7	57.8	57.7	58.0	57.8	57.7	57.2
24	56.8	58.0	57.8	57.6	58.0	57.8	57.6	57.2
28	56.9	57.7	57.5	57.4	57.9	57.8	57.8	57.4
32	57.1	57.4	57.2	57.9	57.7	57.6	57.5	57.5
36	57.1	57.7	57.4	57.4	57.9	57.6	57.6	57.4
40	57.4	57.8	57.6	57.3	57.8	57.8	57.8	57.8
44	56.9	57.8	57.7	57.6	58.1	57.8	57.8	57.4
48	57.0	57.9	57.7	57.6	57.9	57.7	57.5	57.2
52	56.8	57.8	57.6	57.4	57.8	57.7	57.3	57.2
56	56.7	57.8	57.4	57.3	57.7	57.5	57.4	57.3
0100	56.9	57.7	57.2	57.1	57.7	57.8	57.8	57.5
04	56.5	57.2	57.0	56.9	57.5	57.6	57.6	57.6
08	56.1	57.2	57.1	57.1	57.8	57.5	57.4	57.4
12	56.0	57.4	57.3	57.3	57.8	57.7	57.6	57.6
16	55.9	57.3	57.3	57.1	57.8	57.5	57.5	57.8

EXPERIMENT NO. 5

(TRACER EMISSION FROM 07082120 TO 07082150)

2120	71.5	73.8	74.9	74.5	75.1	75.0	75.0	75.0
24	71.6	74.0	74.8	74.4	74.9	74.9	75.3	75.3
28	71.6	73.8	74.8	74.5	75.0	74.9	75.0	75.2
32	71.6	73.8	74.9	74.6	74.9	74.8	74.9	75.1
36	71.8	73.7	74.9	74.6	75.1	75.0	75.0	75.0
40	72.0	73.4	74.6	74.4	75.0	74.8	75.0	75.0
44	71.8	73.2	74.2	74.6	75.2	75.1	75.0	74.9
48	71.6	73.2	74.2	74.8	75.1	75.0	74.9	74.9
52	71.5	73.1	74.7	75.0	75.6	75.2	75.0	74.7
56	71.5	73.6	74.4	75.0	75.4	75.1	75.0	74.8
2200	71.5	73.5	74.6	74.9	75.5	75.3	75.0	74.7
04	70.9	73.2	74.2	74.8	75.4	75.5	75.0	74.7
08	70.6	72.8	74.2	74.8	75.4	75.1	75.0	74.7
12	69.8	72.9	74.2	74.7	75.1	75.0	75.0	74.8
16	69.5	72.9	74.6	74.9	75.4	75.2	74.9	74.6
20	69.0	72.5	74.2	74.9	75.1	75.0	74.9	74.6

TABLE XVI-1 (Cont)

EXPERIMENT NO. 5 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
2224	68.3	72.5	74.6	74.7	75.3	75.1	74.8	74.5
28	67.2	72.7	74.3	74.5	75.1	74.9	74.8	74.5
32	66.9	72.6	74.5	74.5	75.1	74.9	74.8	74.4
36	66.2	72.2	74.3	74.4	74.8	74.7	74.6	74.5
40	65.7	72.1	74.4	74.4	75.0	74.7	74.4	74.3
44	65.6	72.0	74.5	74.5	74.8	74.6	74.5	74.3
48	65.5	71.8	74.5	74.7	75.0	74.8	74.4	74.2
52	65.1	71.5	74.6	74.5	74.8	74.5	74.4	74.2
56	64.9	70.3	73.9	74.4	75.0	74.8	74.4	74.1
2300	64.3	70.9	73.8	74.3	74.8	74.5	74.5	74.2
04	65.2	71.1	73.2	74.3	74.9	74.6	74.3	74.1
08	65.3	70.9	72.5	74.3	74.8	74.5	74.4	74.1
12	64.1	70.6	72.3	74.2	75.0	74.8	74.4	74.1
16	63.9	70.0	73.1	74.5	74.9	74.6	74.5	74.2
20	63.8	70.1	73.4	74.5	75.1	74.7	74.4	74.1
24	64.5	70.6	74.2	74.5	74.9	74.7	74.5	74.2
28	65.2	70.2	73.5	74.5	75.0	74.8	74.4	74.2
32	64.1	70.1	72.3	74.1	74.7	74.5	74.4	74.1
36	64.3	69.6	71.9	73.8	74.8	74.7	74.3	74.0
40	63.9	69.2	70.6	73.4	74.7	74.5	74.3	74.0
44	63.8	69.2	71.2	73.3	74.6	74.5	74.3	73.9
48	63.6	68.9	70.9	72.3	74.3	74.3	74.2	73.9
52	63.5	68.9	70.3	72.4	74.6	74.5	74.2	73.8
56	64.3	68.8	69.9	73.3	74.0	74.0	74.0	73.8
0000	64.0	67.5	70.4	72.2	73.9	74.1	74.0	73.9
04	62.7	68.1	71.3	72.2	73.6	73.8	74.0	73.8
08	63.2	67.8	70.3	72.9	74.1	74.0	74.0	73.7
12	62.8	67.5	69.7	72.0	73.6	73.8	73.9	73.8
16	63.0	67.3	69.8	72.4	74.0	74.2	74.0	73.9
20	63.0	68.5	70.9	73.1	73.8	73.9	73.8	73.6
24	63.0	67.2	69.5	72.7	74.2	74.1	74.0	73.7
28	62.2	67.3	69.5	72.3	73.8	73.8	73.8	73.8
32	62.0	67.3	70.4	73.0	74.0	74.0	73.9	73.6
36	62.5	67.5	69.2	71.9	73.4	73.6	73.8	73.8
40	63.0	67.5	69.9	72.1	73.8	73.9	73.8	73.6
44	63.3	67.3	69.9	72.5	73.6	73.6	73.7	73.6
48	63.4	66.9	69.6	72.2	73.9	73.8	73.6	73.5
52	63.2	66.7	68.5	72.3	73.6	73.6	73.7	73.5
56	63.2	66.2	68.2	72.1	73.8	73.8	73.6	73.4
0100	62.3	65.9	67.8	72.0	73.7	73.6	73.5	73.4
04	61.8	66.0	68.0	71.8	73.6	73.6	73.4	73.2
08	61.2	66.2	68.0	71.8	73.4	73.5	73.6	73.3
12	61.1	66.0	67.7	71.0	73.5	73.7	73.5	73.2
16	61.0	65.9	67.9	70.9	73.1	73.1	73.2	73.0
20	61.5	65.3	67.7	71.4	73.3	73.4	73.3	73.0
24	61.1	65.3	68.5	71.4	72.9	73.2	73.2	73.1
28	61.2	65.2	67.9	71.6	73.2	73.4	73.4	73.0
32	61.7	65.4	68.2	72.1	73.1	73.1	73.1	73.0
36	62.4	65.6	68.3	72.2	73.4	73.3	73.2	73.0
40	62.9	65.8	68.8	72.3	73.2	73.2	73.1	73.0
0144	62.9	65.5	67.9	72.0	73.1	73.0	73.0	72.8
48	63.0	65.4	67.4	71.8	72.8	72.8	73.0	73.0
52	63.3	65.7	67.8	71.7	72.7	72.6	72.7	72.9
56	63.7	65.8	67.8	71.1	72.1	72.2	72.4	72.5

TABLE XVI-1 (Cont)

EXPERIMENT NO. 5 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0200	63.9	65.9	68.1	71.1	72.1	72.2	72.2	72.3
04	63.5	66.0	68.1	71.1	72.0	72.1	72.2	72.4
08	63.1	65.5	67.2	71.1	72.3	72.2	72.1	72.1
12	63.4	65.5	68.8	71.0	72.0	72.0	72.1	72.1
16	63.3	66.0	69.1	71.5	72.4	72.3	72.1	72.0
20	63.0	65.8	68.3	71.0	72.1	72.2	72.2	72.1
24	62.8	66.3	68.9	71.1	72.5	72.5	72.2	72.2
28	62.0	65.3	68.4	70.8	72.1	72.1	72.2	72.2
32	61.1	66.7	68.8	70.8	72.3	72.2	72.1	73.0

EXPERIMENT NO. 6 (TRACER EMISSION FROM 07102217 TO 07102247)

2216	82.4	83.8	83.7	83.9	84.7	84.9	85.3	85.9
20	82.2	83.3	83.2	83.5	84.2	84.9	85.5	86.1
24	82.2	83.2	82.9	83.1	84.3	85.1	85.4	86.0
28	82.2	83.2	83.1	83.1	84.0	84.2	84.7	85.8
32	81.9	83.0	83.0	82.9	83.6	84.8	84.3	85.7
36	82.1	83.2	82.9	82.9	83.4	83.6	83.8	85.2
40	81.5	82.6	82.4	82.4	83.1	83.2	84.0	85.3
44	81.2	82.7	82.8	82.9	83.4	83.2	83.7	85.1
48	81.2	82.5	82.5	82.5	83.0	83.4	84.3	85.7
52	81.3	82.6	82.8	82.7	83.1	83.2	83.7	85.0
2256	81.5	82.7	82.3	82.1	82.7	83.1	83.6	84.7
2300	81.0	82.2	82.0	81.9	82.8	82.8	83.2	84.3
04	81.0	82.2	82.0	81.9	82.8	82.8	83.3	84.7
08	81.0	82.2	82.0	82.0	82.8	83.0	83.0	84.3
12	80.8	81.8	81.7	81.7	82.2	82.3	82.8	84.2
16	80.8	81.8	81.7	81.7	82.6	82.8	83.5	84.4
20	80.7	81.8	81.7	81.6	82.3	82.6	83.3	84.4
24	80.6	81.7	81.8	81.5	82.2	82.3	82.5	83.8
28	80.0	81.1	81.2	81.3	81.9	81.8	82.2	83.8
32	79.9	80.9	80.8	80.8	81.6	81.6	81.6	83.0
36	79.2	80.4	80.6	80.7	81.3	81.2	81.5	82.6
40	79.0	80.2	80.3	80.3	81.1	81.3	81.5	82.8
44	78.7	80.3	80.2	80.2	80.9	80.9	81.1	82.0
48	78.4	79.8	80.0	80.1	80.7	80.8	81.0	82.2
52	78.2	79.8	79.9	80.0	80.9	81.2	81.7	83.3
56	78.5	79.9	79.8	80.0	80.9	81.0	81.3	83.2
0000	77.8	79.8	79.8	79.9	80.7	80.0	81.2	83.2
04	78.1	79.7	79.8	80.0	80.8	80.9	81.2	83.0
08	78.0	79.6	79.7	79.7	80.8	80.9	81.3	83.1
12	78.2	79.8	79.9	80.2	80.9	81.0	81.2	83.2
16	78.3	80.0	80.0	80.1	80.8	80.9	81.3	83.2
20	78.8	80.1	80.2	80.2	80.7	80.8	81.3	83.5
24	78.6	79.8	79.7	80.0	80.8	81.0	81.8	83.2
0028	78.6	79.8	79.8	80.0	80.9	81.5	82.2	83.1
32	78.2	79.5	79.7	79.8	80.8	81.2	82.2	83.3
36	78.1	79.5	79.8	79.9	80.8	81.2	82.0	83.0
40	78.4	79.7	79.7	79.9	80.7	80.8	81.8	83.2
44	78.4	79.6	79.8	79.6	80.5	80.6	80.8	82.8
48	78.3	79.5	79.3	79.5	80.0	80.2	80.6	82.5
52	78.0	79.2	79.2	79.2	80.2	80.2	80.3	82.2
56	77.8	78.9	78.9	78.9	79.7	79.6	80.0	81.6

TABLE XVI-1 (Cont)

EXPERIMENT NO. 6 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0100	77.2	78.7	78.6	78.8	79.8	79.5	79.6	80.5
04	77.2	78.4	78.6	78.6	79.1	79.1	79.5	81.2
08	76.8	78.1	78.2	78.1	79.1	79.1	79.3	80.5
12	76.2	77.9	78.1	78.2	78.9	78.9	79.2	80.7
16	75.9	77.8	77.9	78.1	78.8	78.9	79.1	80.2
20	75.2	77.7	77.8	77.9	78.4	78.8	79.2	80.6
24	75.2	77.7	77.7	77.9	78.6	78.7	79.0	80.2
28	74.8	77.4	77.8	77.7	78.6	78.6	79.0	80.8
32	74.9	77.6	77.5	77.7	78.6	78.8	78.9	80.5
36	74.6	77.3	77.5	77.8	78.4	78.9	79.2	80.8
40	74.7	77.1	77.6	78.1	78.8	79.0	79.6	81.5
44	74.9	77.0	77.7	77.9	78.9	79.2	79.7	81.8
48	74.8	77.1	77.6	77.8	78.8	79.2	79.8	81.7
52	74.3	76.8	77.1	77.3	78.4	78.7	79.2	81.1
56	74.1	76.2	76.7	77.1	78.6	78.5	78.5	79.6
0200	74.1	76.1	76.5	77.0	77.7	77.8	78.0	78.9
04	74.6	76.4	76.7	76.8	77.9	78.1	78.0	79.1
08	73.9	76.3	77.0	77.1	77.6	77.7	78.1	79.2
12	73.1	76.8	77.1	77.2	78.2	78.1	78.3	80.4
16	73.8	76.8	77.2	77.2	77.9	77.8	78.2	80.7
20	73.5	76.8	77.2	77.2	78.1	78.4	78.8	80.9
24	73.7	76.6	77.1	77.3	78.0	78.3	79.0	80.9
28	73.0	76.6	77.1	77.6	78.1	78.4	78.9	80.9
32	72.8	76.5	76.9	77.1	78.2	78.2	79.0	80.8
36	72.3	76.1	76.7	77.2	78.1	78.3	79.9	80.9
0240	72.2	75.9	76.9	77.1	77.8	78.3	80.1	80.7
44	71.8	75.4	76.4	76.9	78.1	78.5	79.9	80.5
48	71.6	74.8	76.4	76.9	77.9	78.0	79.8	80.4
52	71.3	74.9	76.3	76.7	77.8	78.3	79.7	80.3
56	71.6	74.8	76.2	76.6	77.6	78.2	79.6	80.2
0300	71.3	74.8	76.5	76.9	77.8	76.9	79.9	80.2

EXPERIMENT NO. 7 (TRACER EMISSION FROM 07132201 TO 07132231)

2200	70.9	76.2	76.4	76.2	76.8	76.7	76.5	76.3
04	70.2	73.3	75.8	76.0	76.8	76.8	76.6	76.3
08	69.6	74.6	76.0	76.0	76.8	76.5	76.4	76.2
12	67.9	75.0	76.3	76.1	76.8	76.8	76.6	76.2
16	67.5	75.9	76.2	76.1	76.6	76.4	76.2	76.2
20	67.2	74.8	76.2	75.9	76.7	76.8	76.6	76.6
24	68.2	76.2	76.6	76.4	76.8	76.6	76.4	76.0
28	69.3	76.2	76.5	76.3	76.4	76.0	75.9	75.8
32	70.4	76.0	75.8	75.4	75.3	75.6	75.6	75.8
36	70.2	75.6	75.3	75.0	75.5	75.3	75.0	74.8
40	69.8	74.4	74.1	74.1	74.5	74.2	74.4	74.9
44	68.5	72.8	72.9	73.0	73.5	73.4	73.5	74.2
48	67.6	72.0	72.7	72.8	73.1	73.2	73.7	73.9
52	67.0	71.9	72.5	72.5	73.7	73.6	73.5	73.4
56	66.0	72.0	72.2	72.4	73.0	73.0	73.3	73.6
2300	66.9	71.7	71.8	72.0	72.9	72.8	72.7	73.0
04	67.8	71.0	71.8	71.9	72.3	72.3	72.3	73.0
08	67.7	70.8	71.6	71.7	72.4	72.0	71.9	73.0
12	67.8	70.5	71.2	71.3	71.8	71.6	71.7	73.5
16	67.8	70.4	70.8	71.0	71.7	71.7	71.8	73.0

TABLE XVI-1 (Cont)

EXPERIMENT NO. 7 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
2320	87.3	70.2	70.8	70.9	71.5	71.7	72.1	73.2
24	87.1	70.1	71.8	71.2	72.2	72.4	72.8	75.2
28	87.7	70.1	71.1	71.3	72.0	72.1	72.9	75.8
32	88.5	70.2	70.9	71.2	72.2	72.5	73.5	76.2
36	88.6	70.5	71.2	71.4	72.0	72.2	73.2	75.9
40	88.0	70.1	70.8	71.0	71.8	71.9	72.4	74.8
44	87.2	70.0	70.4	70.8	71.8	71.8	72.1	74.9
48	86.3	69.5	70.8	71.0	72.0	72.1	72.0	74.7
52	85.7	69.8	71.0	71.2	72.0	71.9	72.0	75.7
56	85.8	70.2	71.0	71.3	71.8	71.7	71.8	74.4
0000	66.6	69.9	70.8	70.9	71.4	71.4	71.9	75.4
04	67.1	69.8	70.5	70.7	71.3	71.3	72.2	75.0
08	67.2	69.3	70.2	70.3	70.9	71.2	71.9	75.6
0012	67.1	69.1	69.9	70.1	70.7	70.9	71.5	73.3
16	66.6	68.6	69.8	70.1	70.5	70.9	71.9	74.6
20	66.4	68.3	69.8	69.9	70.8	71.5	72.1	73.9
24	66.1	68.5	69.8	69.9	71.4	71.5	72.0	73.8
28	66.4	68.3	69.2	69.9	70.6	70.7	71.5	73.0
32	66.2	68.2	69.0	69.4	70.3	70.8	71.4	73.6
36	66.5	68.1	69.0	69.6	70.3	70.9	71.2	72.7
40	66.4	67.9	68.5	69.1	70.0	70.2	71.3	73.2
44	66.2	67.9	68.4	68.9	70.0	70.1	71.2	73.7
48	65.9	67.8	68.7	69.0	69.9	70.3	72.2	74.0
52	66.2	68.1	68.8	69.1	70.0	70.2	71.6	74.0
56	66.8	68.1	68.7	69.0	69.6	69.6	70.1	73.2
0100	66.6	68.2	68.6	68.8	69.7	69.8	70.9	73.4
04	66.6	68.2	68.7	68.7	69.1	69.2	70.5	73.9
08	66.9	68.2	68.4	68.4	69.1	69.3	70.2	73.8
12	67.0	68.3	68.1	68.2	68.9	69.2	70.2	74.0
16	67.1	68.1	68.0	68.2	69.1	69.4	70.3	73.9
20	66.8	67.8	67.9	68.0	68.7	69.8	69.4	73.4
24	66.4	67.5	67.7	67.8	68.6	68.7	68.8	72.2
28	66.2	67.6	67.8	67.6	68.2	68.3	68.7	72.6
32	66.4	67.3	67.8	68.0	68.3	68.7	69.0	73.0
36	66.2	67.6	67.8	67.9	68.5	68.6	68.8	71.9
40	66.3	67.7	67.8	68.0	68.4	68.3	68.3	70.2
44	66.5	67.6	67.8	67.7	68.3	68.2	68.2	69.8
48	66.2	67.6	67.8	67.9	68.4	68.2	68.2	71.7
52	66.1	67.3	67.7	67.5	68.0	67.8	67.9	69.1
56	66.2	67.3	67.4	67.4	67.9	67.8	67.7	68.1
0200	65.8	67.2	67.1	67.1	67.7	67.5	67.5	68.6
04	65.5	67.1	67.1	67.2	67.8	67.7	67.6	68.9
08	65.5	66.9	67.1	67.0	67.7	67.6	67.6	68.1
12	65.1	66.8	67.1	67.1	67.7	67.5	67.3	68.1
16	65.2	66.8	66.9	66.8	67.4	67.4	67.4	68.3
20	65.0	66.5	66.7	66.9	67.5	67.5	67.5	69.0
0224	64.8	66.6	66.8	66.9	67.5	67.4	67.8	69.3
28	64.6	66.4	66.7	67.0	67.8	67.9	68.0	69.6
32	64.1	66.6	66.8	67.5	67.4	67.9	67.7	69.3
36	64.2	66.3	66.5	66.6	67.4	67.5	67.6	68.8
40	64.0	66.4	66.8	66.9	67.3	67.4	67.6	68.2
44	63.8	66.3	66.6	66.7	67.6	67.7	67.6	68.1
48	63.5	66.1	66.9	66.9	67.7	67.4	67.5	68.2

TABLE XVI-1 (Cont)

EXPERIMENT NO. 7 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0252	63.6	66.5	66.8	66.9	67.7	67.7	67.8	68.9
56	63.8	66.3	66.9	66.9	67.8	67.8	67.8	68.1
0300	63.6	66.8	67.5	67.5	67.9	67.8	67.7	67.7
04	64.0	66.9	67.6	67.9	68.7	68.1	68.7	68.7
08	63.5	66.5	67.8	68.7	69.3	69.2	68.8	68.4
12	63.1	67.8	68.7	68.6	68.8	68.7	68.5	68.3
16	64.7	67.2	67.6	68.2	68.8	68.5	68.2	68.2
20	62.8	65.8	66.5	66.8	67.2	67.2	67.4	68.2
24	61.2	64.6	65.6	66.1	67.0	67.2	67.3	68.2
28		65.2	65.7	65.7	66.2	66.3	67.0	68.9
32		65.7	65.9	66.3	66.8	66.9	67.2	68.4
36		66.3	66.2	66.3	67.0	67.3	67.6	68.0
40		65.8	66.4	66.5	67.5	67.7	67.6	68.0
44		65.0	66.2	66.7	67.4	67.4	67.5	65.8
48		63.6	65.8	66.2	67.1	67.3	67.7	67.1
52	58.5	65.2	66.3	66.4	67.0	66.8	66.9	66.8
56	58.3	65.1	66.9	66.9	67.5	67.2	66.8	66.4
0400	59.5	66.6	67.2	67.0	67.2	66.9	66.8	66.2

EXPERIMENT NO. 8

(TRACER EMISSION FROM 07152200 TO 07152230)

2200	77.5	79.8	80.2	80.6	81.3	81.8	83.1	83.8
04	77.4	79.3	79.9	80.5	81.2	82.2	83.2	83.9
08	77.8	79.4	79.9	80.2	81.2	82.5	83.0	83.4
12	77.8	79.6	79.8	80.0	81.0	82.6	83.1	83.4
16	77.8	79.5	79.7	79.9	80.7	81.1	82.8	83.7
20	77.7	79.1	79.1	79.5	80.7	81.2	82.3	83.3
24	77.3	79.0	79.1	79.3	80.6	80.6	81.6	83.1
28	77.1	78.6	78.9	79.1	80.2	80.5	81.1	83.2
32	76.4	78.2	77.7	79.0	77.8	80.0	80.5	82.6
36	76.2	77.9	78.2	78.6	79.2	79.3	79.5	80.7
40	75.0	77.8	77.8	77.9	78.7	78.9	79.2	80.5
44	75.8	78.2	78.0	78.0	79.1	79.4	79.7	81.6
48	76.2	78.7	78.5	78.6	79.4	79.6	79.9	82.0
52	77.0	77.8	77.8	77.5	79.2	79.6	79.9	81.8
56	76.6	78.5	78.6	78.8	78.9	79.1	79.5	80.8
2300	76.9	78.8	78.6	78.4	78.7	78.4	78.4	78.9
04	76.4	77.9	77.8	77.8	77.9	77.8	77.9	78.6
08	76.2	77.8	77.6	77.3	77.8	77.8	77.9	78.3
12	75.9	77.6	77.5	77.4	77.9	78.0	78.1	79.2
16	76.1	77.9	77.5	77.3	77.9	77.8	77.8	78.3
20	75.8	77.2	77.0	76.8	77.1	77.2	77.4	77.9
24	74.9	75.4	75.5	75.8	77.7	77.4	77.5	79.2
28	73.8	75.2	76.4	76.5	77.1	77.2	77.7	78.8
32	73.8	76.0	76.5	76.5	77.0	76.9	76.9	77.4
36	73.8	75.8	75.9	76.0	77.0	77.3	78.1	79.7
40	73.3	75.4	76.0	76.6	77.8	78.2	78.8	79.6
44	73.9	75.8	76.2	76.5	77.2	77.4	77.9	79.3
48	73.0	75.2	75.6	76.5	77.3	77.4	77.9	78.9
52	71.8	75.4	75.9	76.5	77.5	77.6	78.2	80.1
56	73.2	75.8	76.6	77.0	78.1	78.5	79.4	80.6
0000	74.5	76.2	76.8	77.0	78.1	78.2	78.7	80.5
04	74.0	76.0	76.4	76.8	77.5	77.5	77.8	79.8
08	72.9	75.6	76.6	76.9	77.8	77.7	77.6	79.6

TABLE XVI-1 (Cont)

EXPERIMENT NO. 2 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0012	73.2	76.2	76.7	76.8	77.4	77.2	77.3	78.1
16	73.5	75.9	77.0	76.9	77.5	77.4	77.3	78.4
20	74.3	76.5	76.9	76.9	77.1	77.0	77.1	78.6
24	74.2	76.3	76.6	76.5	77.0	76.7	76.9	77.5
28	74.5	76.1	76.2	76.0	76.3	76.2	76.3	76.9
32	74.0	75.4	75.5	75.7	75.8	76.2	76.3	77.8
36	73.2	75.3	75.5	76.0	76.2	76.5	76.5	78.9
40	73.7	75.3	75.5	75.3	76.0	76.2	76.3	77.7
44	73.6	75.3	75.3	75.3	75.7	75.8	76.0	77.8
48	73.8	75.6	75.5	75.4	76.0	75.8	75.8	77.8
52	73.8	75.5	75.5	75.3	75.6	75.5	76.0	77.5
56	74.0	75.6	75.5	75.4	75.9	75.8	75.8	77.7
0100	73.8	75.0	75.0	75.0	75.6	75.5	75.4	76.3
04	73.1	75.3	75.5	75.2	75.7	75.4	75.5	77.2
08	73.1	75.0	75.1	75.1	75.7	75.5	75.3	76.7
12	73.1	75.2	75.1	75.2	75.3	75.2	75.3	76.9
16	73.2	75.0	74.9	74.9	75.5	75.5	75.5	77.5
20	73.1	74.7	74.8	74.8	75.2	75.2	75.3	77.8
24	72.9	74.5	75.0	74.9	75.3	75.2	75.3	77.7
28	72.5	74.2	74.4	74.3	75.0	75.0	75.2	77.8
32	72.1	74.0	74.2	74.5	75.3	75.2	75.4	77.8
36	71.7	73.8	74.2	74.3	74.8	74.9	75.1	76.6
40	71.2	73.7	74.2	74.1	75.0	75.0	75.0	76.0
44	71.0	73.8	73.9	74.1	74.7	74.9	74.9	75.8
48	71.0	74.2	74.2	74.2	75.0	75.1	75.2	76.8
52	72.1	74.4	74.6	74.4	74.9	74.8	75.0	77.1
56	72.8	74.5	74.5	74.3	74.8	74.7	74.7	77.0
0200	72.6	74.3	74.3	74.2	74.5	74.6	74.8	77.2
04	72.2	74.1	74.0	74.1	74.6	74.5	74.6	76.5
08	71.6	73.8	74.0	73.8	74.4	74.3	74.6	76.8
12	71.5	73.5	73.8	73.8	74.3	74.3	74.4	76.3
16	71.5	73.5	73.6	73.5	74.0	74.2	74.4	76.8
20	70.9	73.3	73.5	73.4	74.2	74.1	74.3	76.1
0224	70.8	73.2	73.4	73.3	73.8	73.8	74.0	75.5
28	70.3	73.1	73.3	73.5	74.0	74.0	74.0	75.3
32	70.6	73.3	73.5	73.4	74.0	74.0	74.2	76.1
36	70.4	73.3	73.8	73.8	74.5	74.3	74.4	76.3
40	70.5	73.5	73.8	73.8	74.5	74.5	74.7	76.5
44	70.5	73.8	73.9	74.0	74.8	74.6	74.7	77.0
48	70.8	73.5	74.0	73.6	74.8	74.7	74.9	76.8
52	71.2	73.8	74.2	74.0	74.7	74.8	74.8	76.3
56	70.8	72.9	73.7	73.8	74.2	74.1	74.3	75.7
0300	70.5	72.9	73.2	73.3	73.9	73.9	73.9	74.7
04	70.7	73.2	73.5	73.3	74.0	74.0	74.0	74.3
08	71.4	74.1	74.0	73.9	74.2	74.0	74.0	74.3
12	71.6	73.9	74.1	74.0	74.8	74.8	74.8	74.9
16	70.7	74.2	74.3	74.3	74.7	74.8	74.8	75.2
20	71.7	74.5	74.5	74.5	75.0	75.0	74.9	75.2
24	71.2	74.1	74.3	74.3	75.0	74.9	74.9	75.2
28	71.3	74.5	74.4	74.6	75.5	75.3	75.2	75.2
32	69.7	74.5	74.9	74.8	75.0	74.8	74.9	75.0
36	67.8	74.4	74.9	74.8	75.0	74.8	74.7	75.9
40	68.2	74.2	75.0	74.2	74.7	74.8	74.8	76.3
44	68.1	74.1	74.2	74.2	74.9	74.9	74.9	76.0

TABLE XVI-1 (Cont)

EXPERIMENT NO. 8 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
0348	68.1	74.0	73.9	73.9	74.7	74.7	74.8	76.8
52	67.8	73.7	73.8	74.0	75.0	75.0	75.0	77.1
56	67.3	73.4	73.6	74.0	74.6	74.8	75.1	77.5
0400	67.0	73.6	73.8	73.9	74.4	74.6	75.2	77.6

EXPERIMENT NO. 9 (TRACER EMISSION FROM 07162324 TO 07162354)

2324	80.0	82.2	82.1	82.7	83.2	83.6	84.7	86.1
28	78.5	81.8	82.1	82.5	84.2	84.8	85.1	86.0
32	78.1	81.1	82.2	82.9	84.5	85.5	85.6	85.9
36	78.1	81.2	82.6	83.3	84.7	84.8	85.5	85.8
40	77.5	80.8	81.7	82.8	84.1	85.2	85.4	85.5
44	76.6	81.1	82.5	83.1	85.2	85.9	86.0	85.9
48	77.7	81.1	83.0	84.9	86.0	86.5	86.3	86.5
52	77.4	80.8	83.0	85.8	86.3	86.3	86.3	86.5
56	77.9	80.7	82.5	84.9	86.3	86.4	86.4	86.4
2400	78.5	80.8	82.9	85.1	86.0	85.9	85.7	85.5
0004	78.7	80.6	82.1	84.5	85.6	85.5	85.4	85.5
08	78.8	80.8	81.8	83.2	84.9	85.2	85.2	85.2
12	78.8	80.5	81.2	82.1	84.6	84.9	84.9	84.9
16	79.0	80.7	81.2	81.9	83.3	84.2	84.6	85.0
20	78.5	80.3	80.9	81.8	83.8	84.2	84.2	85.5
24	78.0	79.9	80.5	81.2	82.6	83.8	84.2	84.8
28	77.7	79.9	80.4	81.2	83.0	84.5	84.8	84.9
32	77.7	79.9	80.2	81.0	82.4	84.2	84.7	84.8
36	77.2	79.3	80.3	80.9	82.9	84.4	84.6	84.7
40	76.8	79.3	80.0	81.0	83.5	84.0	84.5	84.8
44	76.3	78.7	79.8	80.7	82.3	83.3	84.2	84.6
48	75.9	78.6	79.5	80.4	82.1	83.8	84.2	84.5
52	75.6	78.1	79.1	79.9	81.7	83.4	84.2	84.1
56	74.8	77.2	78.2	79.1	80.8	82.0	83.9	84.1
0100	74.8	77.1	77.2	78.4	79.8	81.3	83.8	83.9
04	74.9	77.3	77.5	78.1	79.3	82.1	83.7	83.9
08	74.9	77.5	77.4	77.9	80.2	82.9	83.7	83.6
12	74.8	77.4	77.8	78.3	80.0	82.2	83.7	83.8
16	74.8	77.5	77.8	78.3	80.2	82.1	83.6	83.5
20	74.8	77.7	78.0	78.7	80.1	82.3	83.3	83.4
24	74.7	77.9	78.1	78.8	80.7	82.4	82.2	82.3
28	74.7	77.8	78.4	79.2	81.2	82.8	83.2	83.3
32	74.9	77.9	78.5	79.3	80.8	82.2	83.2	83.3
0136	74.8	77.9	78.8	78.9	80.0	81.9	83.1	83.4
40	74.9	77.8	78.2	79.0	80.3	81.3	82.9	83.1
44	74.8	77.3	78.0	78.8	79.9	80.8	82.4	82.9
48	74.3	77.3	78.0	78.8	79.8	80.4	82.2	82.8
52	74.2	77.4	78.0	78.2	79.8	81.0	82.3	82.7
56	74.5	77.2	78.3	78.4	80.2	81.8	82.3	82.3
0200	74.7	77.0	77.9	78.4	80.3	82.2	82.5	82.4
04	74.2	77.7	78.2	77.8	80.8	82.7	82.7	82.5
08	74.4	77.2	78.1	79.0	82.2	82.9	82.9	82.6
12	75.0	77.3	78.0	79.5	82.5	83.1	82.8	82.5
16	75.0	76.9	77.8	79.6	83.0	83.1	82.9	82.6
20	75.0	77.0	77.8	80.0	83.3	83.2	82.9	82.4
24	75.1	77.2	78.8	81.3	82.9	82.8	82.6	82.4
28	75.0	76.9	78.0	80.2	83.2	83.0	82.7	82.3
32	74.7	76.5	78.1	81.3	82.6	82.7	82.6	82.3

TABLE XVI-1 (Cont)

EXPERIMENT NO. 9 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0236	74.5	76.5	77.8	79.8	82.8	82.9	82.6	82.2
40	74.6	76.5	77.3	79.3	82.4	82.6	82.6	82.4
44	74.8	76.2	77.5	79.1	82.2	82.6	82.5	82.1
48	74.3	76.1	77.1	79.4	82.7	82.7	82.6	82.3
52	74.0	75.8	76.7	79.0	82.5	82.7	82.5	82.2
56	74.0	75.8	77.2	80.0	82.8	82.7	82.5	82.3
0300	74.2	76.1	77.4	80.0	82.5	82.4	82.2	81.9
04	74.4	76.2	77.7	79.7	82.3	82.3	82.2	81.8
08	74.5	76.5	77.8	80.1	82.2	82.0	81.9	81.8
12	74.6	76.4	78.0	80.5	82.2	82.0	81.8	81.6
16	74.8	76.9	78.3	80.7	81.8	81.6	81.6	81.4
20	75.5	77.2	78.7	80.7	81.9	82.0	81.6	81.4
24	75.3	77.1	78.4	81.0	82.0	81.7	81.6	81.3
28	74.8	76.8	78.0	80.2	82.0	81.5	81.6	81.1
32	74.4	76.0	77.8	80.8	81.9	81.7	81.5	81.3
36	74.2	76.4	78.7	81.5	82.0	81.6	81.4	81.1
40	74.3	76.9	78.7	81.0	81.8	81.5	81.3	81.0
44	74.1	76.5	78.8	81.7	82.0	81.8	81.4	80.9
0348	74.0	76.3	78.2	80.8	81.7	81.5	81.4	81.0
52	73.5	75.9	78.4	81.2	81.9	81.8	81.5	81.0
56	73.5	76.2	79.2	81.0	81.7	81.4	81.3	81.0
0400	73.7	75.9	78.9	81.0	81.8	81.4	81.1	80.7

EXPERIMENT NO. 10 (TRACER EMISSION FROM 07192200 TO 07192230)

2200	87.2	87.6	87.7	88.1	88.1	87.9	87.9	88.8
04	86.9	87.8	87.6	87.5	88.1	88.1	88.2	88.8
08	87.1	87.9	87.6	87.5	87.9	87.9	88.3	88.9
12	87.0	87.8	87.4	87.2	87.8	87.8	87.8	88.7
16	86.4	87.2	87.1	86.9	87.4	87.4	87.6	88.5
20	86.4	87.2	86.4	86.8	87.4	87.2	87.3	88.0
24	86.1	87.0	86.8	86.8	87.2	87.3	87.6	88.0
28	86.0	87.1	86.9	86.8	87.5	87.4	87.8	88.4
32	86.2	87.0	86.9	86.9	87.2	87.2	87.9	88.3
36	86.0	86.9	86.6	86.7	87.4	87.5	87.8	88.2
40	86.0	86.9	86.8	86.7	87.1	87.0	87.2	88.0
44	85.8	86.8	86.7	86.6	86.9	86.9	87.3	87.9
48	85.8	86.8	86.6	86.5	87.2	87.1	87.3	88.2
52	85.8	86.8	86.7	86.7	87.1	87.2	87.2	87.7
56	85.7	86.8	86.5	86.8	87.2	87.1	87.2	87.8
2300	86.0	86.8	86.6	86.4	87.1	87.0	86.8	87.0
04	85.7	86.7	86.4	86.2	86.8	86.7	86.7	87.0
08	85.3	86.7	86.6	86.4	87.1	86.7	86.7	87.0
12	85.6	86.5	86.4	86.2	86.9	86.8	86.7	87.0
16	85.5	86.4	86.2	86.1	86.8	86.7	86.6	86.8
20	85.0	86.1	86.0	86.1	86.6	86.5	86.7	87.1
24	84.8	86.0	85.9	85.9	86.7	86.7	86.6	86.9
28	84.9	86.0	86.0	86.0	86.4	86.3	86.3	86.9
32	84.6	86.8	85.9	85.9	86.6	86.7	86.8	87.3
36	84.2	85.3	85.6	85.8	86.4	86.2	86.4	87.2
40	84.3	85.6	85.8	85.6	86.3	86.1	86.2	87.0
44	84.3	85.5	85.3	85.4	86.0	85.9	86.0	86.7
48	83.9	85.0	85.1	85.3	85.8	85.6	85.6	85.8
52	83.6	84.8	84.7	84.7	85.3	85.4	85.5	86.1
56	82.8	84.8	85.2	85.3	86.2	86.0	86.0	85.9

TABLE XVI-1 (Cont)

EXPERIMENT NO. 10 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0000	82.5	85.3	85.8	85.5	86.2	86.1	86.1	86.1
04	83.2	85.6	86.1	86.3	87.0	86.9	86.6	86.4
08	83.1	85.7	86.2	86.3	86.8	86.7	86.5	86.2
0012	82.9	86.2	86.4	86.2	86.9	86.6	86.2	86.2
16	84.2	86.2	86.0	85.9	86.0	85.9	85.9	86.1
20	83.7	85.2	86.2	86.3	86.1	85.8	86.1	85.9
24	82.9	84.5	85.2	85.4	86.1	86.1	86.0	86.0
28	82.4	85.2	85.7	85.5	86.0	85.9	85.7	85.6
32	82.9	84.7	85.1	85.3	85.6	85.6	85.6	85.7
36	82.6	84.4	85.1	85.3	86.1	85.9	85.8	85.8
40	82.4	84.4	85.1	85.2	85.8	85.6	85.6	85.8
44	82.0	84.7	85.2	85.2	86.0	85.9	85.8	85.8
48	82.9	84.7	85.2	85.3	85.7	85.6	85.6	85.5
52	82.4	84.5	85.0	85.1	85.8	85.8	85.5	85.2
56	82.2	85.5	85.5	85.4	85.9	85.9	85.6	85.4
0100	83.1	84.7	85.1	85.0	85.3	84.9	84.9	84.5
04	83.0	84.2	84.3	84.2	84.7	84.6	84.8	85.0
08	82.2	84.2	84.4	84.2	84.7	84.4	84.2	84.0
12	86.5	83.1	83.4	83.6	84.2	84.0	84.0	83.2
16	81.2	83.0	83.5	83.5	84.2	84.0	83.8	83.7
20	81.3	83.0	83.2	83.3	83.9	83.7	83.6	83.5
24	80.8	83.1	83.3	83.4	84.3	84.2	84.0	83.7
28	80.9	82.9	83.3	83.3	83.8	83.6	83.6	83.4

EXPERIMENT NO. 11

(TRACER EMISSION FROM 07212200 TO 07212230)

2200	84.1	87.2	88.6	90.0	81.9	91.8	91.5	91.3
04	83.8	88.2	88.6	89.2	91.2	92.0	92.0	91.9
08	82.8	86.4	88.2	89.0	90.8	91.4	91.9	91.9
12	82.0	87.5	88.1	88.5	89.8	90.9	91.5	91.7
16	81.8	87.6	88.1	88.5	90.0	91.0	91.1	91.3
20	81.5	87.6	88.2	88.2	89.3	90.4	91.0	91.2
24	82.3	86.2	87.4	87.7	88.9	90.2	90.8	91.2
28	82.2	86.3	87.2	88.0	88.9	90.2	91.0	91.2
32	82.0	86.5	87.5	88.1	88.9	89.5	90.2	90.9
36	82.1	85.0	87.3	87.8	88.6	88.7	89.5	91.0
40	82.0	85.2	87.1	87.6	88.5	88.9	89.3	90.4
44	80.7	85.9	87.1	87.5	88.4	88.4	88.7	89.9
48	80.4	85.1	86.3	87.3	88.3	88.6	88.8	90.0
52	80.8	85.8	87.0	87.3	88.1	88.3	88.6	90.0
56	80.3	86.1	86.9	87.1	88.2	88.2	88.2	89.3
2300	80.5	86.1	86.2	86.5	87.4	87.3	87.4	88.4
04	79.7	85.5	85.8	86.0	86.9	86.8	87.2	87.8
08	80.5	86.2	86.1	86.2	87.4	87.5	87.6	87.9
12	80.8	86.2	86.4	87.2	87.8	87.6	87.7	87.7
16	80.3	86.6	87.1	87.5	88.0	87.9	88.0	88.0
20	81.2	87.1	87.5	87.5	88.2	88.1	87.9	88.0
24	79.2	86.5	87.2	87.2	87.8	87.9	87.9	88.2
28	79.2	86.9	87.4	87.6	88.3	88.5	88.3	88.4
32	80.8	86.7	86.9	87.0	88.5	88.6	88.6	88.6
36	80.5	86.6	87.8	88.0	88.8	88.6	88.5	88.4
40	80.5	85.9	87.5	88.1	88.6	88.4	88.3	88.3
44	80.9	85.9	87.8	87.7	88.4	88.3	88.0	88.0
48	81.0	85.5	87.1	87.3	88.0	88.0	88.1	88.1
52	80.1	86.1	86.9	87.3	88.1	88.1	87.9	87.6
56	80.7	85.8	86.8	87.0	87.8	87.7	87.5	87.4

TABLE XVI-1 (Cont)

EXPERIMENT NO. 11 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0000	79.1	85.2	86.7	86.7	87.4	86.9	86.9	86.6
04	79.4	85.4	86.3	86.6	87.0	86.9	87.0	86.9
08	79.6	85.1	86.3	86.5	87.5	87.4	87.0	87.0
0012	79.2	85.8	86.0	86.2	87.2	87.0	87.1	86.9
16	79.3	85.9	86.0	86.0	86.7	86.6	86.6	86.6
20	79.8	85.2	85.6	85.9	86.5	86.5	86.4	86.2
24	79.7	85.0	85.6	85.8	86.4	86.3	86.3	86.7
28	80.4	84.8	85.5	85.4	86.1	86.1	85.9	86.0
32	79.2	85.0	85.0	85.4	86.2	86.1	86.2	86.6
36	80.6	85.4	85.7	85.7	86.4	86.4	86.5	86.4
40	79.8	84.8	84.8	84.9	85.9	86.0	86.1	86.1
44	79.4	84.9	85.2	85.7	86.3	86.2	86.0	85.9
48	80.0	84.8	85.0	85.3	85.9	85.9	85.9	86.2
52	79.9	84.9	85.5	85.4	85.9	85.8	85.7	86.2
56	80.0	84.8	85.0	85.0	85.6	85.7	86.0	87.1
0100	79.4	84.8	84.9	85.0	85.8	85.8	85.8	87.1
04	79.4	84.5	84.6	84.6	85.4	85.7	86.3	88.1
08	79.4	84.7	84.7	84.7	85.9	86.2	87.5	87.9
12	79.8	83.9	84.2	84.3	85.2	85.8	87.7	88.5
16	79.5	83.3	83.8	84.0	85.3	87.2	88.0	88.7
20	78.8	83.0	83.5	84.0	85.4	87.1	88.2	88.6
24	78.4	82.2	83.2	84.0	85.5	86.3	87.8	88.2
28	77.6	81.6	81.4	82.8	84.1	84.8	85.4	87.8
32	76.8	80.9	81.7	82.2	83.4	84.0	84.6	86.8
36	76.9	80.9	81.4	82.0	83.1	83.7	84.1	86.3
40	76.8	80.3	81.1	81.5	82.4	82.9	83.4	84.6
44	76.4	80.2	80.7	81.2	82.2	82.6	83.2	85.2
48	76.9	80.3	80.9	81.4	82.7	82.9	83.3	84.8
52	76.2	80.6	80.9	81.2	82.2	82.8	83.3	85.1
56	75.5	80.7	81.1	81.5	82.3	82.7	83.1	84.5
0200	76.2	80.4	80.7	81.1	82.2	82.5	83.0	85.3
04	75.6	80.3	80.5	80.7	81.3	81.5	82.1	84.0
08	74.1	79.0	79.7	80.4	81.3	81.4	81.6	82.5
12	73.7	78.4	79.4	79.9	80.6	80.9	81.5	82.1
16	74.8	79.5	80.1	80.1	80.9	81.0	81.1	81.6
20	73.6	78.0	79.6	80.0	80.5	80.8	81.2	81.6
0224	72.1	78.9	79.9	80.0	81.1	81.3	81.4	81.8
28	70.6	79.5	80.0	80.3	80.9	81.2	81.5	81.8
32	72.3	79.3	80.0	80.4	81.2	81.4	81.4	81.6
36	73.1	79.2	79.8	80.3	81.0	81.2	81.5	81.8
40	72.1	78.9	79.8	80.2	81.2	81.3	81.2	81.4
44	71.4	79.0	79.6	79.9	80.5	80.6	80.9	81.4
48	71.0	79.2	79.6	79.8	81.1	81.6	81.5	81.7
52	73.0	79.5	79.9	80.0	81.2	81.0	81.2	81.5
56	73.6	80.0	80.1	80.4	81.1	81.0	81.2	81.3
0300	72.6	80.3	80.3	80.4	81.0	81.0	81.1	81.2
04	72.8	80.6	80.5	80.5	81.2	81.0	80.8	80.9
08	72.7	80.4	80.4	80.5	80.9	80.8	80.8	81.2
12	73.1	80.2	80.6	80.6	81.2	81.0	81.0	81.2
16	72.5	80.2	80.7	80.6	80.9	80.7	80.8	80.9
20	71.9	80.3	80.6	80.5	80.9	80.8	80.5	80.2
24	71.9	80.0	80.1	80.3	80.5	80.3	80.2	80.2
28	70.5	80.2	80.3	80.1	80.5	80.2	80.2	80.6

TABLE XVI-1 (Cont)

EXPERIMENT NO. 11 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0332	67.9	79.9	80.1	80.0	80.1	80.0	80.2	80.8
36	67.3	79.8	80.0	79.8	80.2	80.1	80.3	80.8
40	71.2	79.9	79.8	79.6	80.0	80.0	80.4	80.9
44	72.9	79.9	79.7	79.7	80.2	80.5	80.6	81.3
48	74.9	80.0	79.9	79.8	80.5	80.6	80.9	81.8
52	74.6	80.2	79.9	80.0	80.9	81.0	81.3	81.9
56	74.1	80.2	79.9	80.0	80.7	80.9	81.3	81.9
0400	72.8	80.1	80.0	80.0	81.1	81.3	81.6	82.0

EXPERIMENT NO. 12 (TRACER EMISSION FROM 07230015 TO 07230045)

0012	84.3	88.3	90.8	91.8	93.0	93.4	93.8	94.5
16	84.3	89.2	92.2	92.4	93.2	93.3	93.7	94.2
20	84.8	89.5	92.0	92.5	93.2	94.0	94.6	94.2
24	84.5	90.2	92.3	92.6	93.5	93.7	93.8	94.1
28	85.6	89.8	91.2	92.2	93.2	94.3	94.5	94.9
32	85.7	90.2	91.9	92.3	94.0	94.1	94.2	94.5
36	86.2	89.5	90.2	91.6	92.1	92.0	92.9	94.0
40	86.2	88.6	90.2	91.0	91.6	91.8	92.0	93.2
44	85.9	88.8	89.3	90.5	91.3	93.0	93.3	93.9
48	86.5	88.8	90.2	90.9	91.7	92.2	93.4	93.8
52	85.9	88.2	90.1	90.7	91.3	91.4	92.2	93.0
56	85.1	87.9	89.3	89.8	92.0	92.5	93.3	93.6
0100	84.7	87.4	89.2	91.2	92.9	93.8	94.6	94.5
04	84.3	87.3	89.2	90.4	91.5	91.9	92.3	93.1
08	83.8	86.8	88.3	89.8	90.4	90.8	92.0	92.9
12	83.8	87.2	89.7	90.0	91.3	92.8	93.0	93.4
16	84.2	87.8	90.0	89.9	90.5	90.4	90.8	92.8
20	85.1	87.8	89.2	89.3	90.3	90.4	90.6	92.5
24	85.7	87.1	88.2	88.9	89.7	91.0	91.8	92.8
28	85.8	87.3	88.1	88.7	90.3	91.2	91.7	92.3
32	85.8	86.8	87.3	88.3	89.7	89.8	91.0	92.2
36	85.3	86.3	87.1	87.8	89.1	90.1	90.9	91.5
40	85.0	86.4	86.9	87.5	89.2	89.7	90.5	91.6
44	84.8	86.4	87.1	88.2	89.6	90.2	90.4	90.5
48	84.7	86.2	86.9	87.7	89.1	88.3	89.5	89.8
52	84.7	86.4	86.9	87.2	88.0	88.8	88.2	90.1
56	84.5	86.1	86.3	87.5	89.1	89.1	89.3	90.1
0200	84.7	86.6	87.2	87.9	89.1	89.0	89.4	90.3
04	84.8	86.3	86.9	87.9	89.0	89.0	89.6	91.0
08	84.7	86.8	87.9	88.7	89.9	90.4	90.8	92.2
12	85.3	87.0	88.8	89.5	90.7	91.1	91.6	92.6
16	85.1	87.9	89.3	89.5	90.2	90.3	91.0	92.1
20	84.9	87.7	88.8	89.1	90.0	90.5	90.6	91.0
0224	84.8	87.5	88.2	88.7	89.2	89.2	89.8	91.1
28	85.1	87.3	88.0	88.7	89.7	90.0	90.0	91.7
32	85.3	87.4	88.2	89.2	89.9	90.1	90.9	91.6
36	85.2	87.2	88.7	89.2	89.9	90.6	90.9	91.6
40	85.2	87.2	88.3	89.1	89.8	90.5	91.1	91.5
44	84.6	86.9	88.6	89.0	90.2	90.4	91.0	91.1
48	84.5	86.3	87.3	88.7	89.5	89.6	90.2	90.8
52	84.2	86.0	87.0	88.6	89.9	90.1	90.6	90.7
56	84.0	85.9	87.2	88.7	89.9	90.2	90.8	90.9
0300	84.1	85.8	86.9	88.3	89.6	90.0	90.3	90.8

TABLE XVI-1 (Cont)

EXPERIMENT NO. 13

(TRACER EMISSION FROM 07242230 TO 07242300)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
2228	75.8	76.7	76.3	76.2	76.3	76.4	76.3	76.1
32	76.1	76.7	76.2	76.1	76.6	76.5	76.4	76.2
36	75.7	76.7	76.5	76.3	76.8	76.5	76.2	75.8
40	76.5	77.0	76.8	76.5	76.3	76.1	76.1	75.8
44	76.6	77.0	76.6	76.3	76.8	76.4	76.0	75.6
48	76.2	76.7	76.3	76.0	76.2	75.9	75.8	75.4
52	75.8	76.7	76.2	76.0	76.5	76.0	75.8	75.5
56	75.5	76.7	76.2	76.0	76.5	76.0	75.8	75.2
2300	75.6	76.2	76.0	76.2	76.2	76.0	75.6	75.2
04	75.2	76.2	75.9	75.7	76.1	75.8	75.6	75.4
08	75.2	76.3	76.2	75.8	76.3	76.1	75.8	75.5
12	75.9	76.7	76.2	75.9	76.2	75.9	75.8	75.5
16	75.5	76.5	76.3	76.0	76.6	76.3	76.0	75.6
20	75.9	76.8	76.6	76.2	76.6	76.2	76.0	75.7
24	76.2	76.9	76.3	76.1	76.6	76.5	76.2	75.8
28	75.8	76.9	76.7	76.6	77.1	76.9	76.8	76.5
32	76.0	76.9	77.1	76.8	77.3	77.0	76.7	76.4
36	76.1	77.1	77.0	76.8	77.1	76.7	75.0	76.0
40	76.2	77.2	76.7	76.5	76.8	76.4	76.1	75.8
44	75.8	76.6	76.5	76.1	76.3	76.8	76.6	76.8
48	75.8	77.2	76.9	76.6	76.9	76.5	76.2	75.8
52	75.8	76.6	76.6	76.3	76.7	76.4	76.2	75.8
56	76.0	76.8	76.5	76.4	76.5	76.0	75.8	75.4
0000	75.1	76.5	76.4	75.9	76.3	76.0	75.8	75.2
04	75.7	76.7	76.1	75.8	76.4	76.1	75.9	75.6
08	75.4	76.6	76.4	76.1	76.6	76.2	75.8	75.4
12	75.7	76.6	76.4	76.1	76.4	76.1	75.9	75.6
16	75.3	76.7	76.5	76.3	76.5	76.4	76.0	75.5
20	75.8	76.5	76.2	75.9	76.3	76.0	75.8	75.3
24	75.0	76.2	76.0	76.0	76.5	76.1	75.8	75.5
28	74.6	76.2	75.8	75.4	75.9	75.8	75.7	75.4
32	73.4	76.3	75.8	75.5	76.1	76.0	75.6	75.2
36	74.5	76.2	75.8	75.7	76.0	75.8	75.8	75.5
0040	74.5	76.1	75.9	75.8	76.0	75.8	75.8	75.5
44	74.6	76.1	75.9	75.8	76.3	76.1	75.8	75.5
48	73.5	75.8	76.1	76.2	76.0	76.2	76.0	75.8
52	74.1	76.1	75.8	75.4	76.1	75.9	75.8	75.7
56	73.9	75.8	76.0	76.0	76.6	76.4	76.0	75.5
0100	72.9	76.0	75.8	75.7	75.8	73.4	75.5	75.4
04	72.2	75.0	75.4	75.6	76.1	76.2	76.0	75.8
08	73.7	75.2	75.7	75.7	76.1	75.9	75.9	75.7
12	73.8	75.0	75.1	75.0	75.7	75.5	75.4	75.2
16	72.4	74.2	74.8	74.8	75.3	75.3	75.4	75.2
20	72.1	74.3	74.5	74.6	75.5	75.3	75.2	75.0
24	71.6	74.5	74.8	74.8	75.1	74.8	74.0	74.8
28	71.9	74.2	74.5	74.2	74.5	74.3	74.2	74.2
32	71.9	73.8	73.8	73.7	74.0	73.8	73.8	73.9
36	71.2	73.2	73.1	72.9	73.4	73.5	73.8	74.4
40	71.8	73.1	72.8	72.5	73.0	73.0	73.5	73.9
44	71.7	73.8	73.3	73.2	73.8	73.5	73.4	73.7
48	70.6	73.4	73.2	73.0	73.3	73.1	73.2	73.3
52	72.0	73.3	73.1	72.9	73.2	72.9	73.0	73.4
56	70.6	72.8	72.8	72.6	73.0	72.8	72.8	73.7

TABLE XVI-1 (Cont)

EXPERIMENT NO. 14

(TRACER EMISSION FROM 07290005 TO 07290035)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0004	59.2	63.6	68.7	67.3	68.2	68.9	69.2	69.2
0008	58.5	64.3	66.0	67.2	68.4	68.9	69.1	69.1
12	58.9	64.3	66.2	67.7	68.8	68.9	69.0	69.1
16	58.7	64.4	65.7	68.2	69.0	69.2	69.2	69.2
20	58.5	64.7	67.2	68.4	69.2	69.2	69.5	69.3
24	58.8	64.3	66.8	68.3	69.0	69.0	69.2	69.2
28	58.7	63.7	66.1	67.0	68.7	68.8	68.9	69.0
32	58.8	63.3	64.3	66.8	68.5	68.8	68.8	68.8
36	58.3	62.4	63.1	65.1	68.5	68.8	68.8	68.9
40	58.3	62.3	63.6	65.6	68.2	68.8	68.9	69.0
44	57.5	63.1	63.8	65.8	67.8	68.5	68.6	69.0
48	56.5	63.2	64.0	65.3	68.0	68.5	68.6	68.9
52	56.5	63.4	64.0	65.0	67.2	68.4	68.5	69.0
56	55.3	63.5	63.9	65.0	67.2	68.5	68.5	68.8
0100	55.5	64.2	64.3	65.1	67.0	68.3	68.3	68.8
04	55.9	64.2	64.3	65.1	67.0	68.2	68.2	68.8
08	56.0	64.2	64.4	65.2	67.0	68.0	68.2	68.7
12	56.2	64.3	64.6	65.2	66.3	67.5	68.0	68.4
16	56.8	64.5	64.6	64.8	65.6	66.6	67.5	68.2
20	56.9	64.5	64.7	64.8	65.8	67.2	67.5	68.2
24	56.9	64.5	64.6	64.7	65.5	66.5	67.1	68.2
28	56.7	64.6	64.5	64.7	65.7	67.0	67.2	68.3
32	56.4	64.2	64.1	64.3	65.6	66.9	67.2	68.4
36	55.8	64.1	64.0	64.7	65.4	66.9	67.5	68.5
40	55.2	63.9	64.0	64.5	65.9	66.9	68.0	68.7
44	57.5	63.8	63.9	64.5	66.0	66.8	68.0	68.7
48	59.8	63.3	63.8	64.6	66.0	66.8	67.5	68.6
52	58.8	63.2	63.8	64.4	65.9	66.5	67.3	68.5
56	57.3	63.2	63.7	64.8	66.3	66.8	67.4	68.6
0200	57.8	62.8	63.9	64.5	65.8	66.4	66.6	68.2
04	58.2	62.3	63.8	64.2	65.0	65.6	66.2	67.5
08	58.2	62.1	63.3	63.7	64.4	65.2	66.0	67.1
12	58.0	62.0	63.2	63.7	64.5	66.2	65.7	67.0
0216	57.0	62.0	62.9	63.4	64.4	64.9	65.2	66.5
20	56.9	61.6	62.7	63.2	64.7	65.2	65.3	66.5
24	57.0	61.6	62.5	63.5	64.5	64.7	65.4	66.7
28	57.0	61.5	62.7	63.8	64.5	65.1	65.8	66.8
32	57.0	61.8	62.5	63.2	64.4	64.8	65.1	66.8
36	57.8	61.8	62.0	62.9	64.2	64.6	64.8	66.4
40	56.7	61.3	61.9	62.9	64.0	64.7	64.9	66.2
44	56.6	61.2	61.8	63.0	63.9	64.3	64.6	66.0
48	56.3	61.2	61.6	62.3	63.8	64.0	64.2	65.5
52	56.5	61.2	61.4	62.2	63.5	63.7	63.7	64.9
56	56.5	60.7	61.6	62.4	63.2	63.5	63.6	64.8
0300	56.5	60.2	60.7	61.5	62.4	63.0	63.4	64.2
04	55.4	60.2	60.8	61.2	62.2	63.0	63.8	64.8
08	55.8	60.2	60.3	61.3	62.5	63.0	63.9	65.0
12	55.8	60.0	60.4	61.3	62.3	62.8	63.2	64.7
16	56.2	60.1	60.2	61.0	62.2	62.8	63.1	64.5
20	55.8	60.1	60.3	61.0	62.1	62.7	62.9	64.0
24	56.2	60.1	60.1	60.8	62.1	62.6	62.8	64.0
28	56.1	60.0	60.0	60.6	61.9	62.3	62.8	63.6
32	55.2	59.9	59.9	60.4	61.8	62.4	62.5	63.2

TABLE XVI-1 (Cont)

EXPERIMENT NO. 14 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0336	55.7	59.8	59.9	60.4	61.7	62.4	62.4	62.9
40	56.2	59.8	59.8	60.1	61.5	62.0	62.7	63.0
44	55.5	59.6	59.8	60.6	61.8	62.4	62.8	62.9
48	55.3	59.5	59.8	60.9	61.9	62.4	62.7	63.4
52	55.0	59.2	59.8	60.8	62.0	62.9	63.1	63.8
56	53.8	59.2	60.1	61.0	62.4	63.1	63.3	64.2
0400	53.4	59.1	60.0	60.9	62.2	62.9	63.0	63.8
04	53.5	59.2	59.9	60.9	62.4	62.5	62.9	64.1
08	53.0	58.9	59.8	60.1	61.8	62.7	62.9	63.8
12	52.8	58.2	59.5	59.8	61.0	62.0	62.5	63.9
16	52.8	58.5	58.9	59.8	61.8	62.4	62.8	63.8
20	52.6	58.2	54.2	60.1	61.4	61.9	62.2	64.0
24	53.7	58.2	59.0	59.9	61.3	62.2	64.3	64.3
0428	53.9	57.8	58.8	59.5	60.9	61.7	62.8	64.7
32	54.5	57.8	58.7	59.8	61.0	62.5	63.8	64.3
36	54.5	57.7	58.6	59.8	61.0	61.7	63.2	64.8
40	54.2	57.9	58.2	59.3	60.7	61.2	62.3	64.5
44	54.0	57.8	58.2	59.0	60.3	61.3	62.2	64.1
48	54.8	57.2	58.8	59.0	60.5	61.2	62.0	64.2
52	54.6	57.8	57.9	59.1	60.5	61.2	62.2	64.0
56	55.2	58.1	58.5	59.5	60.5	61.5	62.2	63.9
0500	55.9	58.4	58.9	59.7	61.1	61.7	62.4	64.0

EXPERIMENT NO. 15 (TRACER EMISSION FROM 07310010 TO 07310040)

0008	73.8	80.4	82.3	83.5	84.4	84.2	83.9	83.6
12	71.8	81.4	82.3	83.5	84.4	84.2	84.0	83.6
16	75.4	81.3	81.4	83.9	84.5	84.2	84.1	83.7
20	76.1	81.0	81.4	82.4	83.7	84.1	84.2	83.8
24	75.8	79.8	81.1	82.2	84.1	84.1	84.0	83.8
28	75.6	79.9	81.6	82.7	83.7	84.0	84.1	83.7
32	75.6	80.2	82.3	83.2	84.3	84.1	84.0	83.8
36	76.1	80.8	81.8	82.9	83.9	84.1	84.1	83.9
40	75.1	81.4	81.9	81.9	83.2	83.8	84.0	83.8
44	75.5	79.5	81.8	82.2	83.1	83.3	83.5	83.5
48	74.3	81.1	82.2	82.3	82.8	82.9	83.3	83.4
52	74.6	82.5	82.5	82.1	82.7	82.8	83.0	83.5
56	75.5	82.2	82.0	82.0	82.7	82.3	82.6	83.5
0100	75.0	82.0	82.0	81.9	82.4	82.5	82.8	83.7
04	74.9	81.6	81.7	81.8	82.2	82.1	82.7	83.6
08	73.5	81.2	81.3	81.4	81.8	82.2	83.2	83.8
12	74.3	80.8	81.4	81.2	81.8	81.8	82.1	83.2
16	73.6	80.5	80.9	81.0	81.8	82.1	82.9	83.7
20	73.2	79.8	80.8	80.9	81.6	81.8	82.8	83.3
24	73.3	79.8	80.2	80.4	81.7	82.7	83.4	83.5
28	71.8	79.2	80.1	80.6	81.6	82.8	83.4	83.6
32	71.5	78.8	79.3	80.1	81.9	83.2	83.6	83.8
36	72.0	78.5	79.1	80.1	81.9	83.0	83.3	83.7
40	71.9	78.8	79.6	80.4	81.9	82.8	83.0	83.8
44	73.3	78.8	79.5	80.5	82.1	83.0	83.1	83.3
48	73.4	78.1	79.3	80.2	82.4	83.0	83.3	83.8
52	73.4	78.5	79.6	81.3	82.9	83.0	83.2	83.8
56	74.3	78.6	80.0	81.7	82.9	83.0	83.5	84.0

TABLE XVI-1 (Cont)

EXPERIMENT NO. 15 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0200	73.9	77.6	79.0	80.7	82.6	82.7	83.0	83.5
04	73.7	78.1	79.5	81.8	83.0	83.0	83.0	83.7
08	73.5	78.5	80.4	82.0	82.8	83.0	83.3	83.6
12	73.2	78.5	80.4	82.1	82.8	82.4	82.9	83.1
16	73.0	77.4	79.2	80.8	82.1	82.3	82.5	82.9
0220	71.2	77.7	78.8	80.8	82.4	82.6	82.6	83.1
24	73.7	78.5	79.9	81.2	82.5	82.5	83.0	83.4
28	73.8	78.5	80.0	81.3	82.4	82.4	82.6	83.0
32	73.9	77.9	79.5	80.8	82.2	82.3	82.5	83.1
36	73.5	78.0	80.0	81.7	82.5	82.4	82.5	83.1
40	74.5	78.2	79.7	81.2	82.0	82.0	82.3	83.3
44	74.6	78.0	79.8	81.5	82.0	82.1	82.3	83.0
48	74.9	77.9	79.8	81.2	81.8	81.8	81.9	82.8
52	74.8	77.4	79.9	81.5	82.1	82.1	82.1	82.9
56	74.5	77.5	79.7	81.0	81.6	81.5	81.8	82.8
0300	74.3	77.2	79.6	80.8	81.2	81.3	81.2	81.7
04	74.2	77.0	79.9	81.0	81.4	81.3	81.4	81.9
08	74.1	76.9	79.3	80.8	81.3	81.2	81.2	81.3
12	74.0	76.5	79.1	80.5	80.9	81.0	81.5	81.9
16	74.0	77.0	74.4	80.3	80.6	80.9	81.0	81.8
20	73.8	76.3	79.0	80.2	80.9	81.0	81.2	81.8
24	73.9	76.8	80.0	80.2	80.8	80.7	80.8	81.8
28	74.0	76.8	79.2	80.2	80.6	80.6	81.1	81.8
32	74.1	76.4	79.7	80.1	80.5	80.7	80.9	81.7
36	74.0	76.7	79.8	80.1	80.3	80.2	80.3	80.9
40	73.9	76.1	79.3	80.0	80.3	80.4	80.4	80.7
44	73.5	76.1	78.8	79.8	80.2	80.0	80.0	80.2
48	73.3	76.2	79.8	80.2	80.7	80.5	80.3	80.7
52	73.5	76.2	79.7	80.0	80.2	80.1	80.2	80.8
56	73.1	76.0	79.9	80.0	80.7	80.8	80.7	80.7
0400	72.5	75.9	80.0	80.2	80.7	80.6	80.5	80.7
04	72.3	75.8	79.0	79.8	80.3	80.3	80.3	80.8
08	72.5	75.6	79.6	80.0	80.8	80.6	80.4	80.5
12	72.3	75.5	79.3	80.0	80.5	80.0	80.7	80.8
16	72.1	75.4	79.8	80.0	80.1	80.2	80.3	80.7
20	72.2	76.0	79.7	79.9	80.3	80.3	80.4	80.9
24	72.0	75.8	79.2	80.0	80.3	80.4	80.5	80.6
28	71.8	75.8	78.9	79.5	80.0	80.0	80.4	81.0

EXPERIMENT NO. 16

(TRACER EMISSION FROM 08052310 TO 08052340)

2308	61.9	69.9	70.0	70.2	71.4	72.3	72.8	74.1
12	61.8	70.1	70.0	70.3	71.5	72.1	72.6	73.8
16	62.2	70.5	70.0	70.3	71.5	72.1	72.6	73.8
20	62.2	70.7	70.7	70.7	71.2	71.6	72.2	72.9
24	62.0	70.8	70.7	70.7	71.2	71.6	72.2	72.9
28	62.3	71.0	70.9	70.5	70.9	71.8	72.1	72.8
32	61.9	69.6	70.8	70.7	71.3	71.4	71.7	73.1
36	62.8	70.3	71.0	70.7	71.4	71.5	72.1	73.5
40	63.0	70.3	71.0	70.7	71.5	71.9	72.3	73.2
44	62.8	70.4	71.0	70.9	71.5	71.5	72.0	72.9
48	63.1	70.6	71.0	71.0	71.4	71.7	71.9	72.6
52	62.9	70.5	71.0	70.9	71.5	71.7	71.9	72.5
56	63.1	71.0	71.2	71.1	71.5	71.7	71.8	72.4

TABLE XVI-1 (Cont)

EXPERIMENT NO. 16 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0000	62.8	70.9	71.1	70.9	71.3	71.2	71.6	72.2
04	62.1	70.7	70.9	70.8	71.3	71.3	71.3	72.8
08	62.9	70.4	70.8	70.6	71.2	71.0	71.3	72.5
12	61.9	70.2	70.7	70.4	71.1	71.3	71.2	72.3
16	61.8	70.3	70.7	70.4	71.0	71.2	71.5	73.0
20	62.0	70.3	70.6	70.4	71.0	71.2	71.7	73.0
24	61.7	70.2	70.5	70.4	71.0	71.1	71.5	72.9
28	62.7	69.8	70.1	70.2	70.6	71.1	71.5	72.2
32	62.6	69.7	70.1	70.2	70.9	71.0	71.1	72.1
36	63.0	69.9	70.5	70.5	70.8	71.0	71.0	72.1
40	63.9	69.7	70.2	70.2	70.8	70.7	70.9	71.7
44	64.5	69.9	70.1	70.2	70.8	70.8	70.9	72.1
48	64.5	69.5	70.0	70.0	70.4	70.3	70.5	71.9
52	64.2	69.6	69.7	69.8	70.0	70.4	70.6	72.2
56	64.2	69.2	69.4	69.4	70.1	70.2	70.7	72.5
0100	63.4	68.2	69.0	69.0	69.8	69.8	70.0	71.7
04	63.3	67.9	68.5	69.0	69.7	70.0	70.2	71.5
08	63.1	67.1	68.3	68.8	69.4	69.9	70.8	71.9
12	62.9	66.4	68.2	68.3	69.2	70.1	70.7	71.5
16	63.3	66.2	67.7	68.1	69.5	70.3	70.7	72.0
0120	62.5	65.8	67.1	68.2	69.6	70.4	70.7	71.9
24	62.3	65.4	66.8	68.0	69.8	70.2	70.6	71.5
28	62.2	65.6	67.3	68.8	69.9	70.4	70.8	71.9
32	62.8	65.9	67.2	68.7	69.9	70.3	71.1	72.2
36	64.1	66.3	67.2	68.2	69.3	70.3	71.0	72.4
40	64.5	66.5	67.2	67.9	69.3	70.2	70.8	72.7
44	64.5	66.5	67.2	67.9	69.3	70.0	70.8	72.7
48	64.3	66.2	66.8	67.4	68.6	69.4	70.2	72.2
52	63.8	65.6	66.8	67.8	68.9	69.5	70.0	71.9
56	63.5	65.9	66.7	67.3	68.1	68.5	69.2	71.0
0200	64.2	66.2	66.6	66.9	67.8	68.2	68.7	70.2
04	64.8	67.0	67.0	67.1	68.1	68.7	69.5	71.5
08	65.4	67.5	67.6	67.5	67.8	68.2	69.0	71.2
12	65.6	67.7	67.4	67.3	68.0	68.3	69.0	70.8
16	65.9	67.8	67.7	67.5	68.2	68.7	69.0	70.9
20	65.7	67.8	67.7	67.6	68.3	68.2	68.5	70.2
24	65.7	67.2	67.5	67.4	68.0	68.4	68.6	70.2
28	64.5	67.2	67.6	67.5	68.1	68.1	68.5	70.4
32	65.2	67.3	67.7	67.5	68.0	68.4	68.8	70.8
36	65.2	67.5	67.8	67.7	68.3	68.1	68.3	70.3
40	65.5	67.5	67.6	67.5	68.2	68.5	69.0	70.8
44	65.8	67.5	67.4	67.3	67.7	67.8	68.2	70.0
48	65.6	67.0	66.9	66.9	67.3	67.4	67.9	70.5
52	65.3	66.8	66.8	66.6	66.9	67.0	67.5	69.9
56	65.3	66.6	66.5	66.4	66.8	66.8	67.3	69.6
0300	65.1	66.6	66.4	66.4	66.6	66.8	67.0	69.2
04	65.0	66.5	66.3	66.1	66.6	66.7	67.1	69.0
08	64.6	66.5	66.5	66.4	66.9	67.5	67.7	69.9
12	64.9	66.5	66.5	66.4	67.1	67.4	67.9	70.3
16	65.0	66.6	66.5	66.6	67.0	67.1	67.6	69.2
20	65.0	66.2	66.3	66.2	66.9	67.0	67.2	69.3
24	64.9	66.4	66.3	66.3	66.8	67.2	67.6	68.1
28	64.5	66.3	66.4	66.3	66.9	66.9	67.2	69.3

TABLE XVI-1 (Cont)

EXPERIMENT NO. 16 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0332	64.9	66.3	66.4	66.2	66.7	66.8	67.0	68.6
36	64.8	66.3	66.3	66.1	66.5	66.5	66.8	69.2
40	64.7	66.2	66.1	66.0	66.6	67.0	67.3	69.2
44	65.0	66.3	66.3	66.2	66.9	67.0	67.2	68.8
48	64.8	66.4	66.3	66.3	66.7	66.8	67.1	68.9
52	65.0	66.7	66.4	66.3	66.6	66.4	66.6	67.8
56	64.8	66.4	66.2	66.1	65.3	66.5	66.4	67.1
0400	54.3	65.8	65.9	65.8	66.2	66.5	66.3	67.2
04	64.3	65.5	65.7	65.6	66.2	66.1	66.2	66.9
08	64.0	65.5	65.5	65.6	66.0	66.0	65.9	66.5
12	64.1	65.7	65.5	65.6	66.2	66.1	66.1	66.8
16	64.0	65.7	65.8	65.8	66.2	66.3	66.3	66.8
20	63.2	66.2	66.2	66.0	66.5	66.3	66.4	66.9
24	63.2	66.1	66.1	66.0	66.4	66.6	66.7	66.9
28	63.2	66.3	66.4	66.1	66.5	66.6	66.7	66.8
32	63.2	66.3	66.2	66.1	66.7	66.6	66.6	67.4
36	63.5	66.3	66.3	66.2	66.6	66.7	66.6	67.0
40	63.8	66.1	66.3	66.2	66.6	66.5	66.6	67.0
44	63.8	65.9	66.4	66.5	66.9	66.8	66.8	67.0
48	64.0	66.0	66.5	66.5	67.0	66.9	66.8	66.8
52	64.1	65.8	66.3	66.7	67.1	67.2	67.0	66.9
56	64.1	66.3	66.4	66.5	67.1	67.3	67.3	67.3
0500	58.5	61.0	64.8	66.4	67.2	67.3	67.3	67.3
04	57.5	60.0	63.9	66.1	67.2	67.8	67.7	67.5
08	56.9	61.2	64.2	66.0	67.1	67.2	67.2	67.5
12	57.1	61.8	64.5	65.7	67.2	67.8	67.4	67.3
16	57.3	62.5	64.8	65.7	67.2	67.2	67.2	67.2
20	57.6	62.2	64.8	65.9	66.8	67.0	67.0	67.2
24	58.0	62.7	64.7	65.8	66.8	67.0	67.2	67.2
28	58.0	63.2	65.1	66.1	67.1	67.3	67.4	67.3

EXPERIMENT NO. 17

(TRACER EMISSION FROM 08072130 TO 08072200)

2128	81.4	82.2	81.8	81.7	82.3	82.3	82.6	82.8
32	81.2	81.9	81.8	81.7	82.2	82.4	82.6	82.7
36	81.0	81.7	81.7	81.7	82.3	82.2	82.6	82.7
40	80.8	81.7	81.7	81.7	82.3	82.4	82.6	82.7
44	81.0	81.8	81.7	81.7	82.4	82.5	82.7	82.5
48	80.7	81.5	81.5	81.6	82.2	82.4	82.5	82.5
52	80.5	81.4	81.3	81.4	81.8	82.1	82.2	82.3
56	80.1	81.1	80.9	80.9	81.7	81.8	82.0	82.2
2200	80.0	81.0	80.8	80.8	81.7	82.0	82.1	82.1
04	80.0	80.9	80.9	80.9	81.2	81.3	81.5	82.0
08	79.5	80.6	80.5	80.6	80.9	81.0	81.7	81.7
12	78.5	79.5	79.4	79.3	79.6	79.5	79.6	80.0
16	77.2	79.2	79.3	79.0	79.4	79.6	79.7	79.9
20	76.2	78.9	79.0	79.0	79.5	79.5	79.6	80.1
24	75.8	78.9	79.0	79.0	79.5	80.1	80.2	80.9
28	76.5	79.4	80.0	80.1	80.8	80.7	80.8	81.5
32	79.0	80.0	80.0	80.1	80.2	80.5	80.5	81.1
36	78.5	79.8	79.5	79.4	79.7	79.9	80.1	80.6
40	78.1	79.2	79.4	79.3	79.5	79.5	79.6	80.1
44	77.9	78.9	79.2	79.5	80.5	80.3	80.3	80.6
48	79.0	80.2	79.7	79.4	79.4	79.5	79.5	79.8
52	78.1	79.3	74.6	79.6	80.1	80.1	80.1	80.5
56	78.7	79.9	78.8	79.7	80.2	80.0	79.8	80.2

TABLE XVI-1 (Cont)

EXPERIMENT NO. 17 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
2300	78.9	79.8	79.6	79.5	80.0	80.0	80.2	80.8
04	78.9	79.7	79.5	79.3	78.7	79.9	80.0	80.6
08	78.8	79.8	79.7	79.7	80.2	80.1	80.5	80.8
12	78.9	79.9	79.4	79.3	80.0	80.0	80.0	80.6
16	78.2	79.5	79.4	79.5	80.0	80.0	80.0	80.1
20	78.4	79.3	79.0	79.0	79.6	79.8	79.9	80.5
24	78.2	79.2	79.1	79.0	78.9	80.2	80.5	80.6
28	78.2	79.2	78.8	78.8	79.3	79.8	80.0	80.5
32	77.8	78.8	78.9	78.9	79.5	79.5	80.0	80.5
36	77.8	79.0	79.8	78.6	79.0	79.0	79.0	79.8
40	77.5	78.4	78.3	78.2	78.4	78.4	78.6	79.6
44	76.9	78.1	78.2	78.2	78.8	79.0	78.8	79.3
48	77.0	78.2	78.0	78.1	78.7	78.	78.4	78.6
52	76.7	78.3	78.3	77.9	78.0	77	77.8	77.9
56	76.5	78.0	77.8	77.4	77.8	77.9	77.9	78.5
0000	76.8	77.8	77.7	77.4	77.7	77.5	77.5	78.2
04	76.2	77.5	77.4	77.3	78.0	77.9	77.9	79.1
08	76.2	77.3	77.3	77.2	77.8	77.9	77.9	78.8
12	76.2	77.3	77.4	77.2	77.8	77.8	77.7	78.6
16	75.8	76.9	77.0	77.1	77.4	77.5	78.0	79.2
20	75.2	76.5	76.9	77.0	78.0	78.2	78.8	78.8
24	75.2	77.0	76.9	76.9	77.5	77.5	77.7	78.5
28	75.0	76.9	77.0	77.2	77.7	77.3	77.3	78.4
32	75.2	76.9	77.0	79.0	77.8	77.5	77.4	77.7
36	75.3	76.9	76.7	76.8	76.9	77.0	77.0	77.7
40	75.4	76.6	76.6	76.5	77.0	76.9	76.9	77.4
44	75.2	76.8	76.6	76.4	76.6	76.9	77.2	77.8
48	74.6	76.0	76.2	76.4	76.8	77.0	77.0	77.1
52	75.0	76.2	76.6	76.6	76.9	76.8	76.6	76.5
56	75.2	76.5	76.5	76.2	76.4	76.2	76.2	76.5
0100	74.8	75.9	76.0	76.1	76.6	76.5	76.4	76.6
04	74.7	76.2	76.2	75.8	76.4	76.4	76.5	76.8
08	74.6	76.1	76.2	76.3	76.6	76.5	76.3	76.5
12	75.2	76.5	76.3	76.2	76.4	76.1	75.8	75.4
16	74.9	76.2	76.1	75.6	75.7	76.0	76.0	76.0
20	74.8	75.9	75.8	75.8	76.3	76.2	76.4	77.0
24	75.0	76.3	76.2	76.2	76.8	76.8	76.9	77.5
28	75.2	76.5	76.3	76.0	76.0	75.8	75.9	76.6
32	74.7	75.8	75.9	76.0	76.3	76.0	76.1	76.2
36	74.5	75.4	75.4	75.5	76.2	76.5	77.0	77.5
40	73.8	75.7	75.7	75.8	76.2	76.3	76.4	76.9
44	72.9	75.6	75.5	75.4	76.0	76.4	76.8	77.1
48	72.1	75.5	76.2	76.0	75.9	75.7	75.5	76.1
52	73.5	75.2	75.3	75.8	76.8	77.2	77.2	77.1
56	74.2	76.0	76.1	76.0	76.6	76.1	76.1	76.8
0200	73.4	75.9	75.7	75.5	76.4	76.3	76.0	76.0
0204	72.5	75.5	75.6	75.6	75.9	75.5	75.5	75.5
08	73.2	75.5	75.9	75.6	76.2	76.2	76.7	75.5
12	72.8	75.8	75.7	75.5	75.3	75.3	75.2	75.0
16	73.2	75.5	75.2	75.0	75.3	75.5	75.3	75.2
20	72.5	75.3	75.1	75.2	75.5	75.2	75.2	75.4
24	71.9	75.7	75.4	75.3	75.7	75.5	75.6	76.4
28	71.9	75.5	75.3	75.2	75.7	75.5	75.6	74.3
32	71.0	75.2	75.1	74.9	75.8	75.9	76.0	76.1

TABLE XVI-1 (Cont)

EXPERIMENT NO. 17 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0236	70.6	74.8	75.2	75.1	75.5	75.3	75.3	75.8
40	69.0	74.7	74.9	75.2	76.3	76.9	76.8	76.7
44	69.0	75.0	75.3	75.6	75.9	76.4	76.3	76.5
48	70.2	75.2	75.2	75.3	75.8	76.0	76.0	75.8
52	70.4	75.3	75.5	75.5	76.0	76.2	76.1	76.1
56	71.1	75.1	75.5	75.5	76.4	76.6	76.5	76.2
0300	70.9	75.4	75.5	75.3	75.8	75.8	75.5	75.7
04	70.3	75.2	75.2	75.3	76.0	76.0	76.1	76.2
08	71.5	76.0	75.8	75.8	76.8	73.8	76.5	76.0
12	72.5	75.6	75.8	75.7	76.0	75.5	75.3	75.0
16	71.5	74.9	75.0	74.7	74.8	75.0	75.0	75.2
20	70.7	73.8	74.2	74.5	75.6	75.5	75.3	75.2
24	69.7	73.6	74.7	74.5	75.2	75.4	75.3	75.2
0328	69.5	73.2	73.9	74.6	75.2	75.3	75.2	75.0

EXPERIMENT NO. 18

(TRACER EMISSION FROM 08092145 TO 08092215)

2144	79.5	80.2	80.4	80.6	81.3	81.2	81.6	82.4
48	79.7	80.6	80.4	80.5	81.3	81.4	81.5	82.0
52	79.3	80.6	80.4	80.3	80.9	81.0	81.4	81.9
56	79.3	80.4	80.2	80.3	80.8	81.1	81.3	81.8
2200	79.1	80.1	80.1	80.2	80.7	80.9	81.7	82.2
2204	79.0	80.1	80.1	80.2	80.7	81.1	81.3	81.9
08	79.0	80.0	79.9	79.9	80.6	80.8	81.5	81.8
12	79.0	80.0	79.8	79.9	80.8	80.8	81.2	81.8
16	78.7	79.8	79.8	79.8	80.5	80.7	81.2	81.8
20	78.9	79.6	79.5	79.6	80.2	80.5	80.7	81.5
24	78.3	79.4	79.3	79.2	80.0	80.2	80.7	81.5
28	78.6	79.4	79.4	79.3	80.2	80.2	80.4	81.4
32	78.4	79.2	79.2	79.2	79.5	79.7	80.1	81.0
36	78.0	79.4	79.2	79.0	79.5	80.2	80.5	81.5
40	78.2	79.1	79.1	79.2	79.9	80.2	81.0	81.7
44	78.2	79.3	79.3	80.5	81.3	81.5	81.5	81.6
48	78.9	79.5	79.0	79.2	80.2	80.5	81.0	81.8
52	78.4	79.5	79.2	79.2	79.6	80.1	80.9	81.9
56	78.1	79.1	79.2	79.3	80.2	81.2	81.8	82.2
2300	78.0	79.1	79.0	79.1	79.8	80.7	81.5	82.2
04	77.8	78.8	78.9	79.1	79.9	80.0	80.9	82.1
08	77.7	79.0	79.0	78.8	79.7	80.2	81.3	82.1
12	77.9	79.0	78.9	78.9	80.0	80.9	81.2	81.5
16	77.7	78.7	78.8	78.7	79.3	79.9	80.5	81.1
20	75.6	78.6	78.6	79.0	80.0	79.8	79.9	81.1
24	77.5	78.6	78.7	78.7	79.5	79.4	79.9	81.0
28	77.0	78.0	78.2	78.2	78.7	78.8	78.7	78.7
32	76.0	77.8	78.0	77.8	78.3	78.2	78.3	78.7
36	76.0	78.6	78.3	78.1	78.3	78.2	78.0	78.0
40	75.8	78.6	78.0	77.8	78.0	77.8	77.6	77.6
44	76.6	78.1	77.8	77.6	78.2	77.9	77.6	77.5
48	76.2	78.3	77.8	77.3	77.7	77.3	77.3	77.4
52	75.5	77.3	77.4	77.0	77.2	77.2	77.2	77.5
56	75.8	77.2	77.0	76.7	77.1	76.9	77.0	77.3

TABLE XVI-1 (Cont)

EXPERIMENT NO. 18 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0000	75.2	76.5	76.6	76.2	76.6	76.7	76.5	77.1
04	74.1	76.2	76.0	76.1	76.4	76.3	76.5	76.8
08	73.5	76.1	76.7	76.6	76.9	76.8	76.5	76.4
12	74.1	76.1	76.1	76.0	76.3	76.6	76.7	76.8
16	73.3	76.0	76.4	76.5	77.1	77.3	77.2	77.1
20	74.0	76.5	76.8	76.7	77.0	76.9	77.2	77.3
24	73.9	76.2	76.5	76.9	77.0	76.8	76.7	76.7
28	73.8	75.8	76.1	76.8	76.5	76.4	76.3	76.2
32	73.5	76.0	76.2	76.2	76.6	76.7	76.7	77.0
36	72.8	76.2	76.2	76.1	76.3	76.2	76.3	76.8
40	71.9	76.0	76.1	76.2	76.8	76.9	76.7	76.8
44	71.5	75.5	76.4	76.2	76.9	76.8	76.5	76.3
48	72.1	76.0	76.8	76.5	76.8	76.8	76.5	76.4
52	71.9	76.4	76.3	76.2	76.5	76.3	76.2	76.4
56	73.0	76.1	76.2	76.1	76.4	76.4	76.1	76.3
0100	71.5	75.3	76.0	75.8	75.9	75.8	75.7	75.5
04	71.2	75.5	75.8	75.5	75.9	76.1	76.3	72.0
08	72.0	75.7	75.3	75.3	75.7	75.6	76.1	77.2
12	72.6	74.5	73.9	73.6	74.0	74.2	75.6	77.0
16	71.0	72.7	72.5	73.0	74.6	75.5	76.6	77.3
20	70.5	72.5	72.8	73.1	74.5	75.2	76.3	76.9
24	69.8	72.1	72.2	73.6	74.5	76.2	77.1	77.3
28	69.5	71.6	72.0	73.7	75.7	76.0	76.2	76.8
32	69.4	73.5	74.6	75.1	75.7	75.8	76.0	76.8
36	69.8	74.1	74.9	75.2	76.0	76.0	76.1	76.3
40	70.2	74.4	74.6	74.9	75.8	76.1	75.9	76.3
44	69.9	74.2	74.6	75.0	75.8	75.8	75.7	75.5
48	69.3	74.1	74.4	74.8	75.5	75.9	75.8	75.5
52	70.0	74.2	74.6	74.7	75.3	75.8	76.0	76.8
56	70.4	74.0	74.5	75.2	76.1	76.1	76.2	77.0
0200	70.5	73.2	74.1	75.0	76.0	76.1	76.3	77.1
04	69.2	73.2	74.5	74.9	76.1	76.8	77.2	77.6
0208	68.8	73.6	74.2	75.2	75.8	75.8	76.3	77.1
12	69.3	73.2	74.1	75.4	76.0	76.1	76.4	76.7
16	68.6	73.2	74.2	74.9	75.8	75.6	75.8	76.3
20	67.9	73.2	74.3	75.2	75.9	76.0	76.0	76.6
24	68.0	73.1	74.5	75.3	76.6	76.8	76.7	76.8
28	67.6	73.2	74.3	75.2	75.5	75.6	75.6	76.2
32	66.5	72.8	73.8	73.9	75.0	75.5	76.0	76.2
36	66.7	72.5	73.7	74.1	75.8	76.3	76.5	76.3
40	66.7	73.0	75.0	75.1	76.1	76.3	76.4	76.5
44	66.3	73.5	74.7	75.5	76.2	76.4	76.4	76.4
48	67.2	73.5	74.9	75.5	76.4	76.6	76.7	76.8
52	67.4	72.5	74.0	75.0	76.0	76.3	76.2	76.2
56	67.5	71.5	72.3	73.6	75.3	75.7	75.8	75.7
0300	67.0	71.1	72.8	74.0	75.2	75.9	76.0	76.2
04	66.4	71.0	72.3	73.6	74.0	74.5	75.2	76.0
08	66.7	71.5	72.2	72.6	74.1	74.7	75.6	76.1
12	66.9	71.5	72.0	72.5	73.8	75.1	75.5	76.1
16	66.8	71.2	71.8	72.0	73.1	73.8	74.7	76.0
20	66.7	70.9	71.5	72.1	73.8	74.2	75.3	75.9
24	67.1	69.9	70.8	71.4	72.9	73.6	74.9	75.9
28	66.2	69.8	70.3	72.1	73.8	74.9	76.1	76.1
32	66.9	69.6	70.9	72.1	74.0	75.1	76.1	76.1

TABLE XVI-1 (Cont)

EXPERIMENT NO. 18 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0336	66.5	68.9	70.9	72.4	74.1	75.9	76.1	75.9
40	64.5	68.9	69.8	71.5	73.0	73.2	73.7	74.5
44	65.2	69.4	70.9	71.7	72.6	74.0	74.1	74.8
48	66.8	70.9	71.8	72.9	73.9	74.1	74.8	75.3
52	67.8	71.0	72.0	73.2	73.8	74.1	74.7	75.0
56	66.3	72.1	73.0	73.2	74.5	74.9	75.1	75.3
0400	65.1	72.2	72.6	72.4	74.6	75.0	75.1	75.0

EXPERIMENT NO. 19 (TRACER EMISSION FROM 08112145 TO 08112215)

2144	72.8	72.9	72.4	72.1	72.4	72.2	71.8	71.6
48	72.8	72.8	72.2	71.8	72.2	71.9	71.7	71.4
52	72.7	72.8	72.2	71.8	72.1	72.1	71.9	71.7
56	72.5	72.6	72.1	71.7	72.1	71.8	71.6	71.2
2200	72.2	72.2	71.8	71.4	71.5	71.3	71.1	70.8
04	72.0	72.1	71.5	71.1	71.3	71.0	70.8	70.5
08	71.9	71.8	71.4	71.0	71.2	71.2	71.0	70.9
12	71.8	71.9	71.4	71.1	71.5	71.2	71.0	70.8
16	71.8	71.9	71.4	71.1	71.3	71.2	70.9	70.5
20	71.8	71.9	71.5	71.0	71.4	71.0	70.9	70.5
24	71.8	71.9	71.3	70.9	71.1	70.0	70.6	70.1
28	71.7	71.8	71.4	71.0	71.2	70.9	70.7	70.1
32	71.8	71.8	71.2	70.9	71.2	71.1	70.8	70.5
36	71.8	71.9	71.3	71.0	71.2	70.8	70.6	70.1
40	71.7	71.7	71.0	70.7	70.8	70.7	70.3	69.9
40	71.5	71.6	71.0	70.4	70.9	70.5	70.3	70.0
44	71.4	71.5	70.9	70.5	70.7	70.5	70.2	69.8
48	71.3	71.4	70.9	70.5	70.8	70.5	70.3	70.0
52	71.5	71.6	71.1	70.7	70.8	70.7	70.4	70.2
56	71.5	71.5	71.0	70.5	70.8	70.4	70.3	69.9
2300	71.2	71.3	70.8	70.4	70.8	70.6	70.2	70.2
04	70.7	70.8	70.1	69.5	70.1	70.2	69.8	69.5
08	69.2	70.0	69.9	69.8	70.3	70.3	69.9	69.6
12	69.5	70.3	70.1	69.9	70.6	70.6	70.3	70.1
16	70.3	70.9	71.1	70.9	71.3	71.4	71.5	71.6
20	71.5	72.0	72.2	72.3	72.8	72.4	72.2	72.1
24	72.2	72.7	72.3	72.2	72.4	72.2	72.0	71.7
28	72.2	72.4	72.1	71.6	72.0	71.7	71.6	71.6
32	72.0	72.1	71.8	71.5	71.9	71.8	71.5	71.2
36	71.9	72.1	71.7	71.4	71.7	71.4	71.3	71.1
40	71.3	71.5	71.1	70.8	71.0	71.1	70.8	70.5
44	70.6	71.2	70.8	70.7	71.2	71.0	70.8	70.5
48	71.0	71.7	71.6	71.6	71.9	71.8	71.3	70.8
2352	71.1	71.4	70.7	70.0	70.1	70.0	70.2	70.0
56	70.0	70.3	69.9	69.7	69.9	69.8	69.5	69.3
0000	69.5	69.9	69.5	69.3	69.5	69.5	69.5	69.3
04	69.4	69.9	69.5	69.4	69.9	70.1	70.0	69.9
08	69.3	69.8	69.5	69.1	69.6	69.2	69.1	69.0
12	69.0	69.7	69.3	69.0	69.2	69.1	68.8	68.5
16	69.1	69.5	69.1	68.5	68.9	68.6	68.5	68.2
20	68.9	69.2	68.9	68.6	68.8	68.8	68.7	68.6
24	68.6	69.0	68.7	68.4	68.8	68.7	68.7	68.5
28	68.5	68.9	68.6	68.3	68.6	68.6	68.4	68.2

TABLE XVI-1 (Cont)

EXPERIMENT NO. 19 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0032	68.6	68.9	68.4	68.1	68.7	68.2	68.3	68.2
36	68.1	68.6	68.2	68.0	68.2	68.6	68.4	68.2
40	68.2	68.6	68.0	67.7	68.0	67.9	67.9	68.0
44	67.6	68.2	67.9	67.7	67.9	67.8	67.8	67.9
48	66.9	67.8	67.8	67.6	67.9	67.6	67.6	67.9
52	66.5	67.7	67.4	67.3	67.6	67.5	67.1	66.9
56	65.9	66.9	66.8	66.7	66.9	66.9	66.8	67.2
0100	65.8	66.9	66.8	66.3	66.9	66.5	66.5	67.1
04	66.0	67.0	66.6	66.3	66.7	66.6	66.6	67.1
08	65.8	66.8	66.6	66.4	66.7	66.3	66.3	66.8
12	65.9	66.7	66.6	66.4	66.8	66.7	66.7	67.0
16	65.9	66.6	66.2	66.0	66.4	66.2	66.2	66.5
20	65.8	66.2	66.0	65.8	66.1	66.0	65.9	66.8
24	65.5	66.2	66.0	65.8	66.2	66.1	66.1	66.9
28	65.4	66.2	65.9	65.7	66.1	66.2	66.3	67.2
32	65.5	66.0	65.7	65.4	65.8	65.8	66.0	66.9
36	65.0	65.7	65.4	65.4	65.5	65.6	65.5	66.3
40	65.0	65.7	65.5	65.4	65.5	65.4	65.6	66.1
44	64.9	65.5	65.1	65.0	65.7	65.8	65.7	65.9
48	64.9	65.3	65.2	64.8	65.2	65.0	65.1	65.5
52	64.2	65.1	64.9	64.7	65.3	66.0	65.8	66.0
56	64.5	65.3	65.1	65.2	65.8	65.5	65.3	65.3
0200	64.2	65.1	65.4	65.3	65.5	65.4	65.2	65.3

EXPERIMENT NO. 20

(TRACER EMISSION FROM 08140021 TO 08140051)

0020	62.8	68.3	71.1	72.5	73.0	73.2	74.2	74.5
24	63.1	69.9	71.8	72.4	73.0	73.8	74.5	74.5
28	62.0	70.2	72.0	72.5	73.3	73.8	74.6	74.7
32	61.9	69.2	71.9	72.3	72.9	73.4	74.2	74.8
36	61.8	70.0	71.8	72.2	73.0	73.2	74.0	74.8
40	61.2	70.0	71.7	72.2	72.8	73.3	73.5	74.8
44	60.6	69.4	71.7	72.1	72.8	72.9	73.4	74.1
48		69.1	71.2	71.8	72.3	72.7	72.8	73.4
52		68.5	70.6	71.3	72.1	72.1	72.5	73.5
56		68.6	70.2	71.2	72.0	72.4	72.6	73.2
0100		68.9	69.4	70.9	71.8	72.2	72.3	72.4
04		69.1	69.3	70.6	71.6	71.8	72.0	72.1
08	68.5	68.5	69.0	69.2	70.3	71.8	71.9	71.9
12	61.5	68.9	68.9	70.2	71.8	71.9	71.8	71.6
16	61.4	69.5	70.7	71.5	71.8	71.9	71.8	72.2
20	61.3	70.0	71.1	71.3	72.0	71.8	71.9	72.7
24	61.5	70.1	71.3	71.5	72.0	71.8	71.6	72.9
28	60.9	69.7	71.2	71.3	71.4	71.2	71.2	72.8
32		68.9	70.7	70.9	71.1	71.1	71.5	73.2
36	60.6	69.8	70.7	70.5	70.8	70.9	71.5	73.0
40		69.6	70.1	70.1	70.8	70.9	70.9	72.4
44		68.9	69.9	70.0	70.6	70.4	71.1	72.2
48		69.3	69.8	70.0	70.4	71.1	71.3	72.2
52		69.6	69.7	69.8	70.4	70.9	71.1	72.1
56		70.0	70.0	69.8	70.6	70.9	70.8	71.8

TABLE XVI-1 (Cont)

EXPERIMENT NO. 20 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0200		70.1	70.3	70.1	70.3	70.7	70.8	71.2
04	61.4	69.2	70.5	70.5	70.8	70.9	70.8	70.8
08	61.8	68.8	70.1	70.6	70.9	70.7	70.8	71.0
12	61.5	67.8	70.0	70.6	70.9	70.9	70.7	71.0
16	61.2	67.2	69.9	70.2	70.6	70.3	70.2	70.4
20		66.9	69.5	70.2	70.6	70.4	70.2	70.0
24		65.9	68.2	69.8	70.3	70.1	70.0	69.8
28		62.6	64.8	67.5	69.7	70.0	69.9	69.7
32	61.6	65.8	68.4	69.6	70.2	70.0	69.9	69.5
36	60.9	66.2	68.2	69.8	70.0	70.0	69.8	69.6
40		65.9	67.1	69.0	69.9	69.7	69.6	69.4
44		65.9	66.9	68.3	69.5	69.6	69.5	69.2
48		62.6	65.5	67.4	69.0	69.2	69.3	69.4
52		64.2	65.7	68.1	69.0	69.5	69.6	69.5
56		64.6	66.5	68.1	69.4	69.5	69.5	69.5
0300	56.1	66.0	68.1	69.0	69.6	69.8	69.6	69.5
04	57.2	64.0	67.2	68.6	69.7	69.7	69.6	69.7
08	56.0	63.9	67.2	68.8	69.7	69.8	69.5	69.5
12	57.7	63.9	66.8	68.6	69.7	69.5	69.4	69.3
16	57.1	64.4	66.7	68.9	69.4	69.5	69.2	69.0
20	56.2	65.0	67.3	69.0	69.5	69.1	69.0	69.5
24	56.5	64.2	67.6	68.8	69.0	69.0	69.0	69.8
28	56.7	63.8	67.5	68.5	69.0	68.8	68.8	68.5
32	56.5	63.8	67.1	68.5	68.8	68.8	69.1	69.8
36	56.3	64.2	67.8	68.2	68.8	69.5	69.7	69.5
40	56.9	64.8	68.2	68.3	69.6	69.8	69.6	69.4
44	56.1	64.2	68.0	68.5	69.7	69.4	69.2	69.4
48	56.0	64.1	67.8	68.2	69.2	69.2	69.2	68.8
52	57.1	63.7	67.2	68.1	69.1	58.8	68.8	68.7
56	57.0	63.1	66.0	68.2	68.8	68.7	68.7	68.8
0400	55.8	60.3	63.4	66.2	67.8	67.7	68.1	68.4
04	55.2	63.1	64.3	66.3	67.2	67.0	67.6	68.2
08	54.2	63.5	65.1	66.4	66.8	67.3	67.7	67.8
12	53.9	63.3	64.3	66.2	66.7	66.8	67.6	67.4
16	52.9	63.3	64.0	66.2	66.4	66.5	67.3	67.2
20	54.4	63.7	65.2	66.0	66.3	66.3	67.3	67.4
24	55.2	63.7	65.5	65.8	66.2	66.3	67.2	67.4
28	54.8	63.6	65.0	65.8	66.4	66.4	67.2	67.4
32	54.9	63.3	64.5	65.6	66.1	66.5	67.4	67.3
36	54.8	63.2	65.0	65.4	66.0	66.3	67.5	67.4
40	55.0	63.8	65.2	65.4	66.0	67.2	67.3	67.5
44	55.2	63.5	65.2	65.6	66.4	67.5	67.4	67.3
48	54.4	63.0	65.2	65.3	67.0	67.8	67.4	67.7
52	53.8	63.0	65.1	65.4	67.7	67.5	67.5	68.0
56	54.9	62.8	65.0	65.6	67.4	67.6	67.6	68.0
0500	54.1	63.0	65.2	65.8	67.7	67.4	67.8	68.2

TABLE XVI-1 (Cont)

EXPERIMENT NO. 21

(TRACER EMISSION FROM 08142108 TO 08142138)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
2108	77.1	78.4	78.8	78.8	79.2	79.3	79.4	79.4
12	77.4	78.5	78.5	78.5	78.8	78.9	79.0	79.2
16	77.0	78.1	78.2	78.1	78.6	78.8	78.7	78.9
20	76.6	77.8	77.7	77.7	78.2	78.1	78.2	78.5
24	76.2	77.3	77.4	77.5	78.2	78.5	78.5	78.5
28	76.4	77.9	77.9	77.8	79.2	78.1	78.1	78.5
32	76.9	77.8	77.7	77.6	77.9	77.8	77.7	78.1
36	76.8	77.5	77.3	77.2	77.8	77.7	77.9	78.2
40	76.6	77.5	77.5	77.4	78.0	77.9	77.8	78.0
44	76.8	77.5	77.3	77.2	77.8	77.7	77.7	78.0
48	76.3	77.2	77.1	77.1	77.7	77.8	77.9	77.9
52	76.5	77.5	77.3	77.1	77.7	77.7	77.8	78.0
56	76.4	77.2	77.1	77.1	77.4	77.5	77.5	77.8
2200	76.2	76.9	76.9	76.9	77.2	77.2	77.5	78.0
04	76.2	77.0	76.9	76.9	77.3	77.6	77.8	78.2
08	76.1	76.2	76.8	76.6	77.2	77.1	77.5	77.9
12	76.0	76.9	76.8	76.6	77.0	77.2	77.3	78.0
16	75.9	76.8	76.7	76.5	77.1	76.8	77.0	77.7
20	76.0	76.8	76.6	76.4	76.7	76.7	76.8	77.5
24	75.9	76.7	76.3	76.2	76.5	76.4	76.6	77.3
28	75.7	76.3	76.2	76.1	76.5	76.7	76.8	77.5
32	75.5	76.4	76.2	75.8	76.5	76.4	76.7	77.2
36	75.4	76.1	75.9	75.7	76.2	76.5	76.6	76.8
40	75.2	76.0	75.8	75.5	76.2	76.1	76.3	76.9
44	75.2	76.1	75.8	75.5	75.9	76.2	76.2	76.6
48	74.9	75.8	75.5	75.3	75.9	75.8	75.7	76.5
52	74.8	75.8	75.5	75.3	75.6	75.9	75.9	76.2
56	74.9	75.6	75.5	75.4	75.8	75.7	75.9	76.2
2300	74.8	75.5	75.2	75.1	75.5	75.6	75.5	75.9
04	74.5	75.4	75.3	75.1	75.6	75.4	75.5	76.1
08	74.7	75.5	75.1	74.9	75.3	75.2	75.1	75.7
12	74.2	75.1	74.9	74.7	75.1	74.9	75.0	75.5
16	74.2	74.8	74.7	74.7	75.0	75.1	75.1	75.5
20	74.3	75.0	74.9	74.8	75.4	75.4	75.7	75.9
24	74.4	75.0	74.8	74.8	75.3	75.8	75.8	75.9
28	74.2	74.9	74.7	74.5	75.0	74.1	75.3	75.5
32	74.0	74.7	74.4	74.4	74.7	74.8	74.8	75.2
36	73.8	74.5	74.3	74.2	74.8	74.8	74.9	75.2
40	73.8	74.4	74.3	74.2	74.6	74.9	74.8	75.0
44	73.8	74.2	74.0	73.8	74.4	74.5	74.8	75.2
48	73.4	74.3	74.1	74.0	74.4	74.8	74.9	75.1
52	73.3	74.2	74.3	74.2	74.6	74.3	74.7	74.9
56	73.7	74.4	74.2	74.1	74.6	74.8	74.8	74.4
0000	73.3	74.2	74.0	73.8	74.4	74.2	74.5	74.8
04	73.3	74.2	74.0	74.0	74.5	74.7	74.6	74.3
08	73.8	74.7	74.2	73.9	74.0	74.1	74.3	74.2
12	73.2	74.1	74.2	74.2	74.5	74.2	74.1	74.0
16	72.8	74.1	74.2	74.0	74.2	74.2	73.9	73.9
20	72.5	73.8	72.7	73.7	74.3	74.1	73.9	73.8
24	72.8	73.8	73.8	73.8	74.2	74.3	74.2	74.1
28	73.1	74.0	74.2	74.0	74.3	74.0	73.9	74.0
32	72.9	74.3	74.0	74.0	74.3	74.4	74.0	73.8
36	72.9	74.1	73.9	73.7	73.9	73.5	73.6	73.5
40	72.5	73.8	73.8	73.7	73.9	73.9	73.5	73.3

TABLE XVI-1 (Cont)

EXPERIMENT NO. 21 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0044	72.6	73.7	73.7	73.8	74.1	73.8	73.7	73.3
48	73.2	73.8	73.7	73.3	73.6	73.4	73.3	73.1
52	72.6	73.5	73.1	72.9	73.4	73.3	73.3	73.2
56	72.2	73.3	73.5	73.4	73.7	73.5	73.2	73.0
0100	72.9	73.8	73.3	73.0	73.1	72.8	72.6	72.5
04	72.1	72.8	73.1	72.9	73.3	73.0	72.8	72.6
08	72.6	73.3	72.9	72.7	73.1	72.8	72.6	72.2
12	71.7	72.7	72.5	72.6	72.9	72.8	72.5	72.2
16	71.5	72.7	72.8	72.6	73.0	72.7	72.5	72.4
20	71.4	72.7	72.2	72.2	72.7	72.7	72.3	72.1
24	71.0	72.2	72.4	72.3	72.5	72.4	72.2	72.2
28	71.8	72.7	72.3	72.1	72.3	72.6	72.5	72.8
32	71.5	72.2	71.9	71.9	72.4	72.1	72.2	71.7
36	71.0	71.9	71.8	71.9	72.7	72.5	72.2	72.1
40	71.7	72.3	72.0	71.6	72.0	72.0	72.0	72.6
44	71.2	72.0	71.9	71.8	72.0	72.0	71.8	71.8
48	71.0	71.8	71.7	71.3	71.7	71.8	71.9	71.9
52	70.9	71.6	71.4	71.1	71.5	71.8	71.8	72.2
56	70.7	71.7	71.6	71.2	71.7	72.0	72.0	72.1
0200	71.0	71.8	71.3	71.1	71.8	71.9	71.8	72.2
04	70.9	71.8	71.5	70.9	71.2	71.1	71.3	72.1
08	70.3	71.3	71.5	71.4	71.8	72.0	71.9	71.8
12	70.6	71.4	71.2	71.0	71.6	71.5	71.6	71.9
16	70.2	71.3	71.2	71.1	71.7	71.4	71.2	71.1
20	70.3	71.2	71.2	71.0	71.2	70.9	70.8	70.7
24	69.9	71.1	71.0	70.9	71.3	71.4	71.1	70.7
28	70.2	71.5	71.1	70.6	70.9	70.6	70.6	70.5
32	70.0	71.3	71.1	70.9	71.0	71.2	71.1	70.9
36	70.5	71.6	71.3	70.9	71.1	70.9	70.9	71.1
40	69.9	70.8	70.6	70.7	71.7	71.5	71.3	71.2
44	69.6	70.8	71.0	71.1	71.8	71.7	71.7	71.8
48	70.2	71.8	71.9	71.7	72.0	72.0	72.0	71.7
52	71.0	71.9	72.0	71.4	72.0	71.8	71.9	72.0
56	70.7	71.9	72.0	72.0	72.5	72.1	71.7	71.2
0300	70.9	72.0	71.5	71.6	72.1	71.8	71.7	71.7

EXPERIMENT NO. 22 . (TRACER EMISSION FROM 08172050 TO 08172120)

2048	65.2	65.8	65.6	65.5	65.7	65.8	65.9	65.8
52	65.0	65.7	65.2	65.0	65.8	65.7	65.6	65.8
56	65.0	65.8	65.5	65.4	65.7	65.8	65.7	65.8
2100	65.1	65.6	65.4	65.2	65.8	66.5	65.5	65.7
04	64.9	65.5	65.2	65.2	65.6	65.7	65.5	65.5
08	65.0	65.6	65.4	65.2	65.6	65.3	65.2	65.5
12	64.8	65.5	65.1	64.9	65.2	65.4	65.2	65.5
16	64.8	65.6	65.1	64.8	65.3	65.2	65.2	66.2
20	64.8	65.3	64.9	64.8	65.2	65.1	64.9	64.9
24	64.6	65.2	64.9	64.6	65.1	65.0	64.9	64.9
28	64.7	65.2	64.8	64.7	65.1	65.1	64.8	64.9
32	64.5	65.2	64.8	64.4	64.9	64.7	64.5	64.7
36	64.3	64.9	64.5	64.3	64.8	64.8	64.7	64.6
40	64.5	65.1	64.6	64.2	64.8	64.7	64.5	64.7
44	64.5	65.0	64.6	64.3	64.7	64.8	64.5	64.4
48	64.3	64.8	64.4	64.3	64.7	64.5	64.3	64.4

TABLE XVI-1 (Cont)

EXPERIMENT NO. 22 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
2152	64.1	64.7	64.3	64.3	64.7	64.6	64.3	64.4
56	64.1	64.7	64.3	64.0	64.7	64.5	64.4	64.5
2200	64.0	64.6	64.3	64.1	64.5	64.5	64.3	64.4
04	64.1	64.8	64.3	64.0	64.7	64.4	64.4	64.7
08	63.9	64.6	64.4	64.3	64.5	64.5	64.2	64.5
12	63.9	64.6	64.1	63.9	64.5	64.1	64.1	64.4
16	63.8	64.3	63.9	63.8	64.4	64.4	64.1	64.2
20	63.8	64.3	64.1	63.0	64.3	64.0	63.9	63.8
24	63.7	64.3	63.8	63.7	64.1	64.1	63.9	63.8
28	63.5	64.0	63.8	63.5	64.1	63.9	63.8	63.7
32	63.4	64.1	63.7	63.5	63.9	63.9	63.6	63.5
36	63.2	63.8	63.5	63.5	64.0	63.7	63.7	63.7
40	63.1	63.8	63.5	63.3	63.6	63.8	63.5	63.7
44	63.1	63.6	63.5	63.3	63.8	63.6	63.6	63.6
48	63.1	63.7	63.4	63.2	63.6	63.7	63.7	63.6
52	62.7	63.3	63.2	62.9	63.5	63.3	63.3	63.3
56	62.5	63.3	63.1	63.2	63.5	63.5	63.4	63.4
2300	61.9	62.9	62.9	62.8	63.1	63.1	62.9	62.8
04	62.0	63.1	62.8	62.7	63.3	63.1	62.9	62.8
08	61.9	63.0	62.9	62.9	63.0	63.1	62.9	62.8
12	61.9	63.1	63.1	62.8	63.1	63.0	62.9	62.8
16	61.9	63.1	63.1	62.9	63.2	63.3	62.9	62.5
20	61.8	62.8	62.8	62.8	63.1	62.8	62.7	62.5
24	61.8	62.9	62.8	62.5	63.0	63.0	62.7	62.5
28	61.6	62.8	62.7	62.4	63.1	62.9	62.8	62.5
32	61.3	62.8	62.6	62.5	62.6	62.7	62.6	62.5
36	61.2	62.3	62.3	62.2	62.8	62.8	62.6	62.5
40	61.4	62.5	62.5	62.4	62.9	62.8	62.4	62.4
44	61.6	62.5	62.5	62.5	62.9	62.7	62.5	62.2
48	61.1	62.7	62.5	62.5	62.7	62.7	62.5	62.2
52	61.1	62.2	62.2	62.0	62.7	62.5	62.3	62.2
56	61.1	62.3	62.2	62.2	62.6	62.6	62.5	62.1
0000	61.0	62.2	62.2	62.0	62.7	62.5	62.5	62.4
04	60.2	61.5	61.5	61.5	62.0	62.4	62.3	62.2
08	60.5	62.4	62.3	62.0	62.6	62.4	62.5	62.5
12	60.1	62.6	62.6	62.2	62.6	62.6	62.3	62.2
16	57.9	62.0	62.2	62.0	62.6	62.5	62.5	62.5
20	59.5	62.2	62.3	62.2	62.7	62.7	62.2	62.0
24	59.4	62.5	62.2	62.2	62.7	62.5	62.5	62.3
28	59.1	62.2	62.5	62.5	62.8	62.8	62.5	62.1
32	59.4	62.4	62.5	62.5	63.0	62.8	62.5	62.3
36	60.2	62.4	62.8	62.7	62.9	62.8	62.4	62.2
40	60.1	62.5	62.6	62.5	62.9	62.7	62.5	62.3
44	59.3	61.7	62.5	62.5	62.8	62.7	62.4	62.0
48	58.3	60.9	61.8	62.2	62.8	62.5	62.4	62.1
52	57.8	60.6	61.8	61.9	62.5	62.7	62.4	61.9
56	58.2	61.0	61.4	61.6	62.6	62.5	62.2	62.0
0100	58.2	60.5	61.2	61.6	62.2	62.4	62.3	62.0
04	58.8	61.0	61.0	61.4	62.6	62.5	62.2	61.8
08	59.1	61.2	61.3	61.7	62.2	62.1	62.0	61.9
0112	59.0	61.1	61.2	61.4	62.3	62.2	62.0	62.0
16	59.0	61.0	61.0	61.5	62.4	62.4	62.3	62.1
20	59.2	61.2	61.5	62.0	62.6	62.5	62.5	62.0

TABLE XVI-1 (Cont)

EXPERIMENT NO. 23

(TRACER EMISSION FROM 08182050 TO 08182120)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
2048	68.1	68.3	68.0	67.8	68.1	68.1	67.8	67.8
52	68.0	68.3	67.8	67.7	68.0	67.9	67.9	67.8
56	67.8	68.2	67.9	67.8	67.9	67.9	67.7	67.7
2100	67.7	68.1	67.8	67.4	67.9	67.6	67.5	67.4
04	67.6	68.0	67.7	67.3	67.5	67.7	67.5	67.4
08	67.5	68.1	67.7	67.2	67.8	67.6	67.5	67.4
12	67.4	67.9	67.4	67.2	67.4	67.5	67.2	67.2
16	67.3	67.7	67.5	67.2	67.6	67.5	67.4	67.3
20	67.3	67.7	67.5	67.2	67.5	67.5	67.2	67.2
34	67.3	67.7	67.2	67.0	67.3	67.2	67.2	67.1
28	67.2	67.5	67.2	66.9	67.2	67.1	66.8	66.8
32	67.2	67.4	63.0	66.7	67.2	66.8	66.8	66.8
36	67.2	67.4	67.0	66.7	66.9	66.9	66.7	66.8
40	67.0	67.2	67.7	66.4	66.8	66.4	66.2	66.4
44	66.8	66.8	67.0	66.6	66.3	66.6	66.6	66.3
48	66.7	67.0	66.5	66.2	66.5	66.3	66.1	66.1
52	66.4	66.8	66.4	66.1	66.4	66.3	66.1	66.2
56	66.2	66.8	66.5	66.0	66.6	66.3	66.3	66.5
2200	66.2	66.8	66.3	66.1	66.5	66.3	66.2	66.2
04	66.2	66.2	66.3	66.1	66.5	66.5	66.1	66.0
08	66.1	66.6	66.2	66.0	66.5	66.2	66.2	66.4
12	66.0	66.6	66.2	65.9	66.3	66.3	66.2	66.3
16	65.8	66.3	66.2	65.7	66.2	66.0	65.9	66.1
20	65.8	66.5	66.1	65.9	66.2	66.1	65.8	65.9
24	65.7	66.2	65.9	65.6	66.0	65.8	65.7	65.8
28	65.4	66.1	65.8	65.5	65.8	65.8	65.6	65.7
32	65.2	66.0	65.5	65.3	65.9	65.6	65.5	65.6
36	65.2	65.9	65.5	65.3	65.8	65.8	65.5	65.8
40	65.2	65.8	65.3	65.2	65.8	65.6	65.5	65.5
44	65.2	65.7	65.3	65.3	65.8	65.8	65.4	65.7
48	65.2	65.8	65.3	65.2	65.5	65.2	65.2	65.2
52	64.9	65.5	65.2	64.9	65.8	65.1	65.2	65.3
56	64.8	65.3	65.1	64.9	65.4	65.3	65.2	65.1
2300	64.7	65.3	64.9	64.7	65.2	65.1	65.0	65.0
04	64.9	65.6	65.0	64.8	65.0	65.0	64.8	64.6
08	64.5	65.1	64.8	64.7	65.0	64.8	64.5	64.1
12	64.2	64.9	64.5	64.4	64.6	64.7	64.3	64.0
16	63.9	64.8	64.2	64.0	64.8	64.2	64.0	63.9
20	64.1	64.7	64.2	64.0	64.4	64.5	64.1	63.8
24	63.8	64.7	64.2	64.0	64.4	64.0	63.9	63.8
28	63.1	64.3	64.2	64.0	64.2	64.2	63.9	63.7
32	63.6	64.6	64.1	63.9	64.3	63.9	63.8	63.5
36	63.6	64.3	64.0	63.7	64.0	64.0	63.7	63.5
40	63.5	64.3	63.9	63.7	64.1	63.8	63.7	63.5
44	63.0	64.1	63.9	63.5	63.9	63.9	63.5	63.3
48	63.3	64.3	63.9	63.4	63.9	63.7	63.6	63.5
52	63.1	64.0	63.9	63.8	64.0	64.0	63.6	63.2
56	63.7	64.6	64.3	64.0	64.3	63.9	63.7	63.4
0000	63.6	64.8	64.2	63.9	64.1	64.0	63.7	63.3
04	63.4	64.6	64.1	63.9	64.3	64.0	63.8	63.5
08	63.6	64.9	64.5	64.3	64.5	64.5	64.1	63.6
12	63.8	64.9	64.5	64.1	64.7	64.3	64.1	63.8
16	63.8	64.9	64.4	64.2	64.4	64.5	64.2	63.8
20	63.6	65.0	64.7	64.3	64.7	64.3	64.1	63.8

TABLE XVI-1 (Cont)

EXPERIMENT NO. 23 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0024	63.6	64.9	64.6	64.2	64.6	64.5	64.1	63.8
28	63.9	65.2	64.7	64.2	64.6	64.3	64.1	63.8
32	64.2	65.0	64.5	64.3	64.4	64.3	64.0	63.8
36	63.7	64.8	64.5	64.1	64.5	64.3	64.1	63.8
40	63.6	64.9	64.6	64.2	64.7	64.7	64.1	63.8
44	63.7	64.8	64.4	64.0	64.3	64.2	63.9	63.7
48	63.5	64.5	64.3	64.0	64.2	64.1	63.8	63.5
52	63.1	64.2	64.1	64.0	64.5	64.0	63.8	63.6
56	63.7	64.6	64.3	64.0	64.2	64.2	64.0	63.6
0100	63.4	64.2	63.8	63.8	64.4	64.0	63.8	63.5
04	63.5	64.2	64.0	63.8	64.1	63.9	63.7	63.4
08	62.9	63.9	63.8	63.5	63.8	63.8	63.5	63.1
12	61.9	63.3	63.5	63.4	63.9	63.6	63.4	63.2
16	61.5	63.9	63.8	63.4	63.9	63.8	63.5	63.1
20	62.8	63.9	63.8	63.4	63.8	63.5	63.4	63.0
24	62.4	63.8	63.9	63.7	63.8	63.8	63.3	63.1
0128	61.3	63.3	63.3	63.1	63.6	63.4	63.2	62.9

EXPERIMENT NO. 24

(TRACER EMISSION FROM 08250002 TO 08250032)

0000		65.9	67.5	68.3	69.6	70.1	70.9	71.0
04	57.7	66.3	67.9	68.1	69.5	69.0	70.8	71.1
08	57.8	66.2	67.2	68.2	69.1	69.8	70.2	71.0
12	60.0	66.0	67.7	68.3	69.2	69.7	69.9	71.1
16	60.0	66.0	67.6	68.4	69.3	69.8	70.0	70.9
20	56.1	66.3	67.8	68.5	69.5	69.6	69.8	70.8
24	56.5	66.2	67.2	68.0	68.2	69.8	69.9	70.4
28		65.0	66.6	67.3	68.8	69.1	69.7	69.9
32		64.3	65.5	66.9	68.1	68.8	69.3	69.5
36		65.8	66.4	66.6	67.7	68.5	69.1	69.3
40		65.8	67.0	67.5	68.2	68.5	68.7	69.1
44		66.0	67.0	67.5	68.6	68.5	68.6	69.3
48		66.0	66.6	67.4	68.1	68.7	68.4	68.9
52	58.2	65.0	65.7	66.5	68.3	68.8	69.0	68.9
56	58.1	65.0	65.3	66.5	68.2	68.8	69.0	69.5
0100	58.5	64.7	65.7	66.9	68.8	69.3	69.1	69.7
04	58.9	64.3	66.2	67.2	69.2	69.4	69.3	69.9
08	58.5	64.3	66.0	67.8	69.1	69.8	69.7	69.8
12	58.2	64.5	65.7	67.9	69.2	69.7	69.7	69.7
16	58.1	64.8	65.2	67.9	69.0	69.8	69.8	69.8
20	57.8	64.4	64.6	67.8	69.2	69.8	69.9	
24	58.1	64.0	65.4	68.3	69.7			
28	58.7	63.8	65.5	68.4	69.9	69.9		
32	58.7	63.3	66.0	67.2	69.7	69.9	69.8	
36	57.7	63.2	65.0	66.9	59.1	69.7	69.8	
40	56.1	63.2	63.9	65.6	67.8	68.9	69.5	69.5
44	56.6	63.3	63.4	64.1	66.6	68.0	68.6	69.1
48	56.5	63.3	63.1	63.2	65.3	67.3	68.3	69.0
52	55.6	63.1	63.0	63.2	65.9	67.0	68.6	69.1
56	55.7	62.9	62.8	63.3	65.9	67.3	68.6	69.2
0200	56.8	62.3	62.2	62.4	64.8	66.1	67.7	68.7
04	57.8	61.9	62.0	62.5	63.4	64.8	65.7	66.8
08	53.9	62.0	62.0	62.3	63.1	64.1	65.6	66.6
12	52.9	61.9	61.9	61.8	62.3	63.9	64.7	66.6

TABLE XVI-1 (Cont)

EXPERIMENT NO. 24 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0216	59.5	61.5	61.2	61.5	63.1	63.8	64.2	66.5
20	53.0	60.9	61.2	62.2	63.6	64.7	65.3	66.5
24	52.8	61.2	61.9	62.4	64.0	64.7	65.7	66.9
28	53.5	61.2	61.6	62.7	64.0	64.7	65.1	66.2
32	51.0	61.0	61.2	62.0	63.4	64.2	65.4	66.1
36	50.2	60.7	61.0	62.3	63.5	64.3	65.8	66.6
40	51.6	60.5	61.3	63.2	63.1	63.9	65.5	67.0
44	53.1	60.5	61.3	62.2	62.9	63.9	64.8	66.6
48	53.1	60.4	61.4	61.8	62.7	63.1	63.6	66.2
52	55.5	60.3	61.6	61.9	62.4	62.8	63.2	65.9
56	66.1	60.7	61.6	61.8	62.2	62.9	63.1	65.8
0300	52.4	61.3	61.4	61.6	62.3	63.0	63.5	66.5
04	52.5	61.3	61.2	61.2	62.3	63.0	63.9	65.2
08	51.4	61.1	60.9	61.2	62.4	63.8	64.3	64.9
12	51.9	60.9	60.8	61.8	64.2	64.8	64.8	64.8
16	64.2	60.9	61.0	63.2	64.9	65.2	64.9	65.1
20	52.6	60.8	61.6	63.2	65.0	65.0	65.0	65.1
24	55.2	60.5	61.3	62.2	64.3	65.5	65.5	65.3
28	52.5	59.3	60.1	61.7	64.3	65.5	65.5	65.4
32	54.6	59.8	60.2	61.6	63.1	65.3	65.4	65.3
36	54.0	59.1	60.1	61.1	63.1	64.6	65.3	65.3
40	53.0	58.8	59.2	61.4	63.9	65.1	65.2	65.1
44	62.1	59.2	59.3	61.7	64.1	64.5	64.5	64.2
48	52.5	59.3	59.3	60.7	63.0	63.8	63.2	63.4
52	53.1	59.8	59.4	62.0	63.2	63.0	63.4	63.8
56	52.4	60.1	61.4	62.5	63.2	63.6	63.5	63.9
0400	50.5	60.5	61.9	62.5	63.4	63.2	63.5	64.1
04	50.9	59.8	61.0	62.0	62.8	63.1	63.1	63.5
08	51.2	59.4	61.1	61.9	62.9	62.8	62.9	63.6
12	50.9	59.3	60.7	61.7	62.4	62.6	62.9	63.5
16	52.0	58.3	58.9	60.9	62.1	62.5	62.7	63.6
20	51.0	57.0	57.5	61.8	62.4	62.7	63.0	63.2
0424	50.2	56.7	60.2	62.0	62.9	62.9	62.8	62.9
28	48.9	56.2	61.8	62.4	62.8	63.0	63.0	63.5
32	50.8	55.8	57.9	62.2	62.9	62.9	63.1	63.2

EXPERIMENT NO. 25

(TRACER EMISSION FROM 08252208 TO 08252238)

2208	73.8	74.1	73.8	73.4	73.8	73.7	73.2	72.9
12	74.0	74.3	73.8	73.4	73.8	73.4	73.2	73.8
16	73.9	74.2	73.8	73.3	73.5	73.4	73.1	72.7
20	73.8	74.0	73.7	73.2	73.6	73.2	73.1	72.8
24	73.8	74.1	73.7	73.3	73.5	73.5	73.2	72.8
28	73.8	74.0	73.5	73.1	73.4	73.1	73.0	72.8
32	73.7	73.9	73.6	73.2	73.5	73.5	73.1	72.8
36	73.8	74.0	73.5	73.2	73.6	73.3	73.2	72.9
40	73.9	74.1	73.7	73.3	73.6	73.5	73.3	73.1
44	73.9	74.1	73.7	73.3	73.8	73.5	73.4	73.6
48	73.9	74.2	73.8	73.4	73.7	73.6	73.2	73.1
52	73.9	74.1	73.5	73.3	73.6	73.4	73.5	73.7
56	74.0	74.2	73.9	73.9	73.8	73.8	73.5	73.5
2300	73.9	74.2	73.8	73.4	73.8	73.6	73.5	73.2
04	74.0	74.2	73.9	73.5	73.9	73.5	73.5	73.2
08	74.2	74.7	74.2	73.8	74.0	73.7	73.5	73.1

TABLE XVI-1 (Cont)

EXPERIMENT NO. 25 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
2312	74.3	74.5	74.0	73.8	73.9	73.7	73.2	72.8
16	74.0	74.2	74.8	73.4	73.7	73.3	73.1	72.7
20	74.1	74.2	73.7	73.2	73.3	73.2	72.9	72.5
24	73.8	74.0	73.5	73.1	73.3	72.9	72.7	72.2
28	73.7	73.8	73.3	72.8	72.9	72.8	72.3	71.9
32	73.3	73.5	73.0	72.3	73.8	73.3	73.2	71.8
36	73.1	73.3	72.8	72.3	72.5	72.3	72.0	71.5
40	72.8	73.0	72.5	72.1	72.3	72.0	71.8	71.4
44	72.7	72.8	72.3	72.0	72.0	71.9	71.5	71.0
48	72.4	72.5	72.1	71.7	71.9	71.5	71.2	70.9
52	72.2	72.3	71.8	71.4	71.8	71.7	71.3	70.8
56	72.1	72.3	71.8	71.3	71.8	71.2	71.0	70.5
0000	71.6	72.0	71.5	71.3	71.4	71.3	71.0	70.3
04	71.5	71.8	71.4	71.2	71.0	70.7	70.2	71.1
08	71.1	71.5	71.2	70.8	71.0	70.9	70.2	70.7
12	70.8	71.2	70.8	70.2	70.6	70.2	70.0	69.5
16	70.1	70.6	70.1	69.8	70.0	70.0	69.6	69.1
0020	69.7	70.0	69.7	69.1	69.8	69.6	69.4	69.0
24	69.7	69.8	69.4	69.1	69.5	69.4	69.0	68.7
28	69.5	69.8	69.3	68.9	69.2	68.9	68.9	68.7
32	69.3	69.5	68.9	68.6	69.0	69.0	68.8	68.4
36	69.1	69.3	68.9	68.5	68.9	68.4	68.3	68.2
40	69.2	69.2	68.7	68.4	68.5	68.6	68.4	68.3
44	68.9	68.8	68.4	68.1	68.5	68.3	68.3	68.2
48	68.2	68.9	68.5	68.3	68.7	68.7	68.5	68.3
52	67.6	68.9	68.7	68.5	68.9	68.6	68.4	68.2
56	67.8	68.1	68.9	68.6	68.8	68.8	68.3	68.1
0100	67.5	69.1	68.8	68.6	68.9	68.7	68.5	68.2
04	68.4	69.5	69.2	68.8	69.0	68.8	68.5	68.1
08	68.7	69.2	68.8	68.4	68.9	68.6	68.4	68.1
12	69.0	69.6	69.0	69.7	69.8	69.7	69.6	69.2
16	69.0	69.2	69.8	69.5	69.8	69.6	69.4	69.2
20	68.6	69.2	68.7	68.3	68.5	68.5	68.2	68.2
24	68.3	69.0	68.5	68.2	68.8	69.0	69.1	69.0
28	68.4	69.0	69.0	69.0	69.8	69.7	69.3	69.1
32	68.9	69.3	69.2	69.1	69.8	69.6	69.5	69.1
36	69.2	69.7	69.3	69.2	69.6	69.5	69.1	68.8
40	69.2	69.5	69.3	69.0	69.7	69.5	69.3	69.0
44	69.9	70.1	69.8	69.5	69.7	69.5	69.0	68.6
48	69.7	69.8	69.2	68.4	69.5	69.1	69.0	68.8
52	69.4	70.0	69.7	69.2	69.3	69.4	69.1	68.8
56	64.5	69.7	69.2	69.0	69.6	69.5	69.5	69.5
0200	69.5	70.0	69.8	69.6	70.0	70.0	69.6	69.2
04	69.6	70.0	69.8	69.3	69.8	69.5	69.5	69.2
08	70.1	70.2	69.9	69.5	69.9	69.8	69.3	69.1
12	69.7	70.2	69.8	69.5	69.9	69.7	69.5	69.2
16	69.3	70.1	69.8	69.6	69.8	69.8	69.5	69.1
20	69.6	70.2	69.9	69.4	69.9	69.7	69.5	69.4
24	70.0	70.2	70.0	69.8	70.0	70.0	69.9	69.8
28	70.1	70.6	70.1	69.9	70.0	69.9	69.8	69.7
32	70.2	70.4	70.1	69.8	69.9	68.8	69.5	69.1

TABLE XVI-1 (Cont)

EXPERIMENT NO. 26 (TRACER EMISSION FROM 08282100 TO 08282130)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
2100	66.5	67.1	67.2	67.8	68.8	68.9	68.7	68.2
04	66.3	67.0	67.8	67.9	68.5	68.2	68.5	68.5
08	66.2	66.8	66.7	67.1	68.1	68.2	68.4	68.5
12	65.8	66.2	66.8	68.5	68.2	68.3	68.5	68.4
16	65.8	67.4	68.3	68.3	68.4	68.3	68.2	68.2
20	66.1	66.9	67.8	68.0	68.5	68.1	68.3	68.5
24	66.3	67.0	67.3	67.8	68.2	68.5	68.3	68.2
28	66.0	66.9	67.8	67.7	68.0	68.1	68.2	68.2
32	65.8	67.4	67.5	67.5	68.1	68.1	68.0	67.9
36	65.2	65.8	65.9	66.5	66.9	66.7	66.9	67.3
40	64.5	65.3	65.5	65.3	66.2	66.6	66.6	66.6
44	64.4	65.4	65.3	65.4	66.5	66.8	66.9	66.8
48	63.9	65.4	65.5	65.7	66.0	66.5	66.5	66.7
52	63.9	65.5	65.4	65.1	65.8	66.1	66.3	66.3
56	63.8	64.9	65.1	65.7	66.3	66.4	66.3	66.4
2200	63.8	65.1	65.2	65.5	66.6	66.6	66.5	66.5
04	63.8	64.9	65.1	65.9	67.2	67.2	66.9	66.8
08	63.2	64.6	66.0	66.9	67.8	67.8	67.5	67.2
12	63.7	65.8	66.4	67.1	67.8	67.8	67.7	67.5
16	63.8	66.3	67.1	67.1	67.9	67.8	67.7	67.5
20	63.9	67.2	67.4	67.4	67.8	67.8	69.5	67.2
24	64.9	66.7	67.0	67.4	68.0	67.8	67.7	67.6
28	64.0	67.1	67.3	67.3	68.0	67.8	67.7	67.5
32	65.2	67.9	67.5	67.5	68.3	68.1	67.9	67.5
36	63.1	65.3	66.4	66.9	67.5	67.5	67.5	67.2
40	63.9	65.8	66.7	66.2	67.5	67.7	67.4	67.0
44	63.9	65.2	66.7	67.0	67.7	67.8	67.5	67.2
48	63.6	65.0	65.9	66.7	67.6	67.5	67.4	67.2
52	63.4	65.2	66.6	66.9	67.7	67.9	67.7	67.3
56	63.0	65.4	66.8	66.9	67.6	67.3	67.4	67.3
2300	63.1	65.9	66.6	66.5	67.2	67.0	67.2	67.3
04	63.6	66.5	66.6	66.5	66.9	67.2	67.2	67.3
08	63.8	66.1	66.2	66.3	67.2	67.1	67.3	67.5
2312	63.8	64.8	65.0	64.9	65.2	65.8	66.3	67.2
16	63.8	64.4	65.1	65.2	66.1	66.2	66.8	67.3
20	63.8	65.1	65.2	65.5	66.0	66.7	66.4	66.5
24	63.6	64.9	64.9	65.6	66.1	66.1	66.1	66.1
28	63.5	64.0	63.8	64.1	64.9	65.5	65.8	65.7
32	63.5	63.7	64.2	64.6	65.8	65.9	65.9	65.9
36	63.8	64.5	64.6	65.7	66.8	66.9	66.5	66.3
40	63.8	65.6	66.3	66.3	66.9	66.8	66.8	66.5
44	63.7	65.9	66.3	66.6	67.0	66.9	66.6	66.6
48	63.5	65.3	66.5	66.7	67.4	67.1	66.9	66.6
52	63.9	63.7	66.5	66.9	67.2	66.9	66.7	66.3
56	63.4	65.8	66.3	66.4	65.8	66.5	66.4	66.4
0000	63.3	64.5	64.8	65.5	65.4	66.3	66.4	66.5
04	63.1	64.3	64.2	65.5	66.4	65.5	65.4	65.3
08	63.1	64.3	64.6	64.5	65.0	65.1	65.6	65.9
12	63.1	64.5	64.5	64.7	65.8	66.1	65.9	66.0
16	63.5	65.1	65.2	65.2	66.0	66.8	66.7	66.5
20	63.8	64.9	65.1	65.1	65.6	65.4	65.1	65.4
24	64.1	64.8	64.9	64.8	65.2	65.2	65.5	66.2
28	63.9	64.5	65.2	65.9	67.1	67.2	66.9	66.5
32	63.8	66.5	67.1	66.8	67.5	67.0	66.8	66.3

TABLE XVI-1 (Cont)

EXPERIMENT NO. 26 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0036	67.2	67.8	67.2	66.9	67.1	66.9	66.5	66.1
40	67.2	67.7	67.2	66.8	67.1	66.9	66.7	66.3
44	66.9	67.4	67.1	66.8	67.1	66.9	66.4	36.1
48	66.7	67.5	66.9	66.8	67.5	37.7	66.7	66.4
52	66.0	67.3	67.0	66.7	67.0	67.0	66.8	66.3
56	66.0	67.1	66.4	66.2	66.6	66.8	66.7	66.3
0100	64.2	65.3	65.7	66.2	66.5	66.6	66.5	66.2
04	64.0	65.9	63.3	63.3	67.0	66.8	66.4	66.2
08	64.2	65.8	65.9	65.9	66.2	66.5	66.4	66.2
12	63.8	65.9	66.4	66.5	66.7	66.9	66.7	66.2
16	66.0	66.7	66.5	66.5	66.8	66.7	66.5	66.2
20	66.3	66.6	66.5	66.4	67.8	66.6	66.5	66.1
0124	66.6	67.2	67.1	67.0	67.3	67.2	66.8	66.2
28	66.8	67.3	67.0	66.7	67.1	66.7	66.5	66.2
32	66.8	66.9	66.7	66.5	67.1	67.1	66.9	36.5
36	66.7	67.5	67.2	66.9	67.2	66.9	66.7	66.5
40	66.2	66.7	66.9	66.7	67.0	67.0	66.7	66.3
44	66.2	67.4	67.2	66.9	67.5	67.2	66.9	66.6
48	67.5	67.7	67.2	66.8	66.9	66.8	66.4	66.2
52	66.3	66.8	66.3	66.2	66.9	66.8	66.6	66.2
56	66.4	66.9	66.5	66.2	66.9	67.1	66.7	66.2
0200	65.9	66.7	66.8	66.8	67.3	67.2	66.8	66.3
04	66.9	67.7	67.1	66.9	67.2	67.8	67.7	67.4
08	67.1	67.8	67.2	67.0	67.3	67.2	66.8	66.3
12	67.0	67.5	67.1	67.1	67.6	67.1	66.8	66.5
16	67.2	67.5	67.2	67.0	67.3	67.0	66.8	66.6
20	67.3	68.0	67.5	67.1	67.3	66.9	66.7	66.3
24	66.2	66.3	65.9	65.7	66.0	66.1	65.8	65.7
28	64.6	65.6	65.6	65.6	66.5	66.5	66.4	65.9
32	63.9	65.8	65.9	66.0	66.4	66.4	66.0	65.8
36	64.1	65.8	65.9	66.0	66.4	66.3	66.2	66.1
40	63.5	65.9	65.9	65.9	66.3	66.4	66.1	65.9
44	62.9	65.6	65.5	65.4	65.9	65.8	65.8	65.5
48	62.2	65.2	65.2	64.9	65.1	65.1	64.9	64.6
52	62.0	65.3	65.2	64.9	65.2	64.9	64.7	64.4
56	62.4	65.3	64.8	64.7	65.0	65.0	64.8	64.5
0300	62.0	64.7	65.1	64.9	65.3	65.5	65.4	65.8
04	62.5	65.4	65.2	65.3	65.9	66.1	66.2	66.3
08	62.7	65.2	65.2	65.7	66.2	66.4	66.2	65.9
12	63.2	65.2	65.7	65.3	65.9	65.7	65.6	65.5
16	64.0	65.1	65.1	65.2	65.3	65.2	65.0	64.9
20	62.8	64.5	64.7	64.2	64.9	64.9	64.9	64.6
24	62.3	64.5	64.7	64.4	64.9	65.0	65.0	65.0
28	62.8	64.5	64.5	64.6	65.2	65.1	65.2	65.9
32	62.3	65.0	64.5	64.4	65.0	65.2	65.5	65.9

TABLE XVI-1 (Cont)

EXPERIMENT NO. 98

(TRACER EMISSION FROM 08302125 TO 08302225)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
2124	68.1	68.2	67.6	67.2	67.3	67.2	66.9	66.4
28	68.0	68.0	67.4	67.0	67.2	66.9	66.7	66.3
32	67.8	67.8	67.2	67.0	67.1	66.9	66.6	66.2
36	67.7	67.8	67.2	66.8	67.1	66.7	66.5	66.2
40	67.8	67.8	67.2	66.8	67.0	66.8	66.5	66.1
44	67.6	67.6	67.1	66.3	66.9	66.5	66.2	65.7
48	67.0	67.2	66.5	66.1	65	66.4	66.8	65.3
52	66.4	66.7	66.1	65.7	66.1	65.7	65.4	65.0
56	65.4	65.0	65.8	65.0	65.5	65.5	64.9	64.6
2200	64.9	65.5	65.4	64.9	65.5	65.4	65.1	64.7
04	64.4	65.0	64.7	64.5	65.1	64.9	64.5	64.5
08	64.0	65.0	64.9	64.8	65.2	65.3	65.0	64.8
12	64.8	65.5	65.2	65.2	65.5	65.5	65.4	65.1
16	65.5	65.9	65.5	65.2	65.6	65.5	65.1	64.8
20	65.5	66.0	65.5	65.1	65.5	65.2	65.0	64.7
24	65.5	65.9	65.5	65.1	65.6	65.7	65.1	64.8
28	65.8	66.0	65.6	65.0	65.7	65.4	65.2	64.9
32	65.8	66.0	65.6	65.3	65.6	65.4	65.1	64.7
36	65.6	66.0	65.6	65.2	65.7	65.8	65.1	64.9
40	65.9	66.1	65.6	5.1	65.4	65.3	65.0	64.5
44	65.5	65.6	65.0	64.5	65.0	64.6	64.3	64.0
48	64.8	65.1	64.5	64.1	64.5	64.4	63.9	63.5
52	64.0	64.5	64.1	63.9	64.7	64.3	64.0	63.8
56	64.0	64.5	64.0	63.8	64.0	64.3	64.0	63.8
2300	63.1	63.9	63.4	63.2	63.8	64.0	63.5	63.5
04	62.5	63.3	63.1	63.9	63.9	64.0	64.0	64.3
08	62.5	63.5	63.6	63.7	64.5	64.5	64.3	64.2
12	63.0	64.0	63.9	63.8	64.5	64.5	64.3	64.2
16	63.2	64.0	64.0	64.0	64.5	64.5	64.2	64.0
20	63.3	64.3	64.2	64.0	64.4	64.2	64.0	63.9
24	63.5	63.9	64.0	64.0	64.4	64.2	64.2	63.9
28	63.4	63.8	64.0	63.8	64.4	63.8	64.0	63.9
32	63.4	64.0	63.8	63.7	64.3	64.2	64.0	63.7
2336	63.4	64.2	64.0	63.9	64.3	64.2	63.9	63.5
40	63.5	64.0	63.9	63.6	64.4	64.0	63.8	63.5
44	63.6	64.2	63.8	63.6	63.9	63.8	63.5	63.2
48	63.4	64.0	63.7	63.5	63.8	63.6	63.5	63.0
52	63.3	63.8	63.6	63.5	63.7	63.6	63.5	63.3
56	63.6	64.0	63.6	63.4	63.8	63.6	63.5	63.3
0000	63.5	64.0	63.6	63.3	64.0	63.6	63.5	63.2
04	63.5	64.0	63.4	63.2	63.7	63.8	63.2	62.9
08	63.6	64.0	63.5	63.2	63.7	63.8	63.2	62.9
12	62.9	63.8	63.5	63.4	63.9	63.6	63.3	62.9
16	62.9	63.8	63.6	63.4	63.8	63.8	63.4	62.9
20	62.9	63.8	63.6	63.4	63.8	63.7	63.4	62.9
24	62.8	63.8	63.6	63.3	63.8	63.6	63.4	63.1
28	63.0	63.6	63.6	63.5	64.0	63.9	63.5	63.1
32	62.7	63.7	63.3	63.0	63.5	63.2	62.8	62.5
36	62.3	63.5	63.3	63.0	63.5	63.4	62.9	62.5
40	62.2	63.5	63.2	62.8	63.2	62.9	62.5	62.2
44	62.3	63.2	62.9	62.6	63.6	62.8	62.5	62.2
48	62.4	63.1	62.8	62.3	62.8	62.8	62.9	63.0
52	62.5	63.2	62.8	62.7	63.6	63.7	63.4	63.1
56	62.5	63.1	62.9	63.0	63.5	63.4	63.3	63.0

TABLE XVI-1 (Cont)

EXPERIMENT NO. 98 (Cont)

Height (ft):	3	50	100	150	200	250	300	400
Time (PST)								
0100	62.5	63.0	63.0	63.0	63.6	63.6	63.6	63.6
04	62.5	63.5	63.4	63.2	63.6	63.6	63.5	63.2
08	62.5	63.2	63.0	62.6	63.5	63.5	63.5	63.5
12	62.6	63.4	63.1	63.2	63.7	63.8	63.8	63.8
16	62.5	63.4	63.2	63.3	64.0	63.8	63.7	63.6
20	62.2	63.4	63.4	63.4	63.7	63.7	63.6	63.6
24	62.5	63.5	63.3	63.2	63.7	63.6	63.5	63.3
28	62.5	63.5	63.3	63.4	63.8	63.7	63.4	62.9
32	62.5	63.3	63.2	62.9	63.6	63.6	63.5	63.2
36	62.5	63.2	63.4	63.4	63.7	63.6	63.5	63.5
40	62.3	63.5	63.5	63.4	63.8	63.6	63.5	63.4
48	62.5	63.5	63.5	63.5	63.7	63.9	63.7	63.4
52	62.2	63.6	63.6	63.5	64.0	63.7	63.6	63.4
56	62.0	63.7	63.8	63.5	64.0	63.6	63.4	63.2
0200	61.8	63.3	63.7	63.5	63.7	63.5	63.2	62.8

XVII Wind Data from 400-ft Meteorology Tower

Table XVII-1, pages 192 through 214, contains mean values, over periods of 15 minutes, of the wind direction (D) and wind speed (V) as measured at eight heights on the 400-ft meteorology tower. A description of the instrumentation is given in Chapter VIII of Volume I.

The basic data used in the computation of the 15-minute means are 20-second averages read from the strip charts. Calms are denoted by the letter C and missing or doubtful data by a dash. The start and termination times of tracer emission are given for easy reference. The date-time group 06190128 denotes June 19, 0128 PST.

NOTE: For Experiment Nos. 1 through 13, the listed wind speeds for the 100-ft level should be reduced by 1 mph.

TABLE XVII-1

Mean Values of Wind Direction and Wind Speed
at 400-Foot Meteorology Tower
for 15-Minute Intervals

EXPERIMENT NO. 1		(TRACER EMISSION FROM 06190128 TO 06190158)							
	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
0115	D (deg)	281	313	323	326	333	313	333	336
	V (mph)	2	6	6	5	4	05	06	6
0130	D	226	308	313	316	318	323	318	326
	V	2	7	9	8	7	7	7	8
0145	D	271	298	303	310	313	318	313	321
	V	3	8	11	11	11	10	10	8
0200	D	241	283	288	301	298	-	303	306
	V	3	8	11	11	12	-	11	8
0215	D	236	268	278	296	298	308	303	301
	V	2	8	10	12	14	14	12	8
0230	D	236	268	278	291	298	313	308	311
	V	3	8	9	11	13	14	12	9
0245	D	231	268	273	286	293	313	303	306
	V	2	8	10	10	13	14	14	11
0300	D	236	263	278	286	293	303	303	306
	V	3	8	9	10	11	15	14	11
0315	D	256	283	293	296	298	303	303	311
	V	2	7	12	11	12	14	15	12
0330	D	276	293	313	306	323	313	308	321
	V	3	9	15	15	16	16	14	12
0345	D	291	308	313	321	293	323	318	331
	V	3	10	16	16	15	16	14	12
0400	D	291	308	313	316	313	323	318	321
	V	3	11	16	15	14	15	15	12
0415	D	286	303	303	311	308	318	308	316
	V	4	11	16	16	16	17	16	13
EXPERIMENT NO. 2		(TRACER EMISSION FROM 06252304 TO 06252318)							
2300	D (deg)	266	263	268	266	268	278	263	276
	V (mph)	09	12	15	15	16	14	16	16
2315	D	276	278	283	281	283	283	278	286
	V	08	12	14	14	14	14	15	16
2330	D	271	278	283	281	278	278	278	286
	V	08	11	13	13	14	13	15	16
2345	D	276	278	283	281	278	283	273	286
	V	06	09	12	12	12	13	13	14
0000	D	286	283	288	286	283	288	278	286
	V	08	12	15	15	13	16	16	17
0015	D	286	288	288	291	288	283	278	291
	V	08	14	16	15	16	18	17	19
0030	D	281	283	288	286	283	288	278	291
	V	10	14	18	18	19	18	19	20
0045	D	286	293	293	291	288	288	283	291
	V	09	14	17	17	17	17	19	19
0100	D	276	283	283	281	278	278	273	286
	V	09	12	15	15	16	15	16	17
0115	D	271	273	278	276	273	-	273	286
	V	08	11	14	14	15	15	15	17

TABLE XVII-1 (Cont)

EXPERIMENT NO. 3

(TRACER EMISSION FROM 06282332 TO 06290002)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
2330	D (deg)	301	309	316	318	321	326	317	326
	V (mph)	02	07	11	14	16	17	16	15
2345	D	302	310	316	320	323	328	318	327
	V	03	09	14	16	16	16	16	16
0000	D	291	303	308	321	313	323	308	321
	V	02	09	13	14	15	15	14	14
0015	D	291	298	308	311	313	318	313	321
	V	03	09	14	16	15	15	15	14
0030	D	291	303	308	316	313	323	313	321
	V	03	09	14	16	15	15	15	14
0045	D	291	303	308	311	313	318	313	321
	V	03	09	14	16	16	15	14	13
0100	D	296	298	303	306	308	318	308	321
	V	03	09	14	17	17	16	14	12
0115	D	276	283	293	301	303	308	308	321
	V	03	07	10	12	14	15	14	13
0130	D	251	268	283	291	288	303	298	306
	V	03	06	09	10	12	15	15	14
0145	D	231	253	268	281	283	293	288	301
	V	02	06	08	08	10	12	13	15
0200	D	246	263	273	286	288	293	293	306
	V	02	07	09	09	10	13	14	16
0215	D	246	268	273	286	288	293	293	301
	V	02	07	09	10	12	14	15	16
0230	D	236	258	273	281	288	293	293	306
	V	02	07	09	09	11	12	15	13
0245	D	216	248	263	281	288	298	298	306
	V	02	06	08	09	10	14	15	14
0300	D	221	253	273	286	293	298	298	306
	V	02	07	09	10	12	14	15	13
0315	D	221	253	273	286	293	298	298	306
	V	02	07	09	10	12	13	14	12
0330	D	236	268	283	296	298	298	298	306
	V	02	07	10	12	14	14	13	11
0345	D	256	278	293	296	303	308	298	306
	V	02	08	11	12	13	14	13	11
0400	D	256	283	298	301	303	308	303	311
	V	01	07	10	10	11	12	13	12
0415	D	236	283	293	296	298	308	303	316
	V	01	06	09	12	11	12	13	12
0430	D	216	258	278	291	293	303	298	306
	V	02	05	06	07	08	09	10	12
0445	D	236	258	268	271	283	293	293	306
	V	02	06	06	05	05	07	06	11

TABLE XVII-1 (Cont)

EXPERIMENT NO. 4		(TRACER EMISSION FROM 07062150 TO 07062216)							
	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
2145	D (deg)	301	313	318	326	318	318	308	311
	V (mph)	01	04	08	07	09	10	11	12
2200	D	288	298	305	307	309	313	303	310
	V	03	07	10	12	13	15	16	19
2215	D	291	298	298	306	303	308	298	306
	V	05	10	12	13	15	17	19	20
2230	D	296	293	303	296	293	303	293	301
	V	07	12	16	16	18	20	21	20
2245	D	281	288	288	291	288	298	288	291
	V	04	08	11	11	12	14	14	16
2300	D	251	258	258	256	263	273	268	276
	V	04	07	08	08	09	10	10	12
2315	D	261	243	243	256	253	263	258	266
	V	03	06	08	09	08	10	10	11
2330	D	271	273	283	281	278	283	268	286
	V	03	06	09	09	09	11	11	12
2345	D	281	283	283	281	283	288	283	286
	V	03	07	09	10	10	11	11	11
0000	D	276	278	283	286	283	288	278	286
	V	03	08	11	11	11	12	12	13
0015	D	271	283	283	286	288	293	283	291
	V	04	08	11	12	13	15	15	16
0030	D	261	273	283	286	283	293	283	291
	V	04	08	11	12	13	15	15	17
0045	D	271	278	288	286	288	293	283	291
	V	04	08	11	11	13	15	16	16
0100	D	271	273	278	278	278	283	278	291
	V	03	07	10	10	12	13	13	13

EXPERIMENT NO. 5 (TRACER EMISSION FROM 07082120 TO 07082150)

2115	D (deg)	304	311	318	320	324	330	328	348
	V (mph)	03	08	12	10	09	08	09	08
2130	D	307	313	320	323	326	335	337	358
	V	03	09	12	11	10	09	09	08
2145	D	310	313	320	321	326	332	335	354
	V	04	09	14	12	11	11	10	09
2200	D	316	318	323	336	338	348	343	006
	V	02	08	12	10	09	10	09	08
2215	D	311	318	323	331	338	348	343	006
	V	02	08	11	09	08	08	07	08
2230	D	296	308	318	326	333	343	338	006
	V	02	08	11	09	08	07	07	06
2245	D	266	303	318	321	323	333	328	346
	V	02	08	11	09	08	08	08	06
2300	D	256	293	318	321	323	333	323	336
	V	01	07	11	10	09	09	09	07
2315	D	266	293	308	326	328	333	328	346
	V	01	06	11	10	09	10	09	08
2330	D	276	298	313	321	323	333	328	341
	V	01	06	11	11	10	11	10	09
2345	D	271	298	308	316	323	333	323	331
	V	02	07	12	13	12	12	12	10
0000	D	276	298	308	316	318	322	318	331
	V	02	08	14	16	14	14	13	11
0015	D	286	303	308	316	318	328	318	331
	V	02	09	14	16	14	14	14	11

TABLE XVII-1 (Cont)

EXPERIMENT NO. 5 (Cont)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
0030	D (deg)	291	308	308	316	318	328	323	336
	V (mph)	03	10	15	16	14	12	12	10
0045	D	291	303	308	316	318	328	318	336
	V	03	10	15	15	13	13	12	10
0100	D	281	303	308	316	318	323	318	336
	V	02	08	14	15	14	14	13	10
0115	D	291	303	308	311	318	323	318	331
	V	02	09	15	17	15	15	14	12
0130	D	296	308	308	316	323	328	323	331
	V	04	10	16	16	14	14	13	11
0145	D	301	308	308	316	323	328	323	336
	V	04	11	16	16	15	14	13	11
0200	D	291	303	308	311	318	323	318	336
	V	04	11	16	16	14	14	13	11
0215	D	281	298	303	306	313	323	313	326
	V	03	10	14	16	14	14	13	11
0230	D	286	298	303	306	313	318	313	331
	V	03	09	13	16	15	14	14	11

EXPERIMENT NO. 6

(TRACER EMISSION FROM 07102217 TO 07102247)

2215	D (deg)	307	311	313	312	312	313	304	311
	V (mph)	09	15	20	22	24	26	27	24
2230	D	297	304	309	308	309	310	302	307
	V	07	13	17	19	21	23	26	25
2245	D	301	308	308	306	308	313	298	306
	V	08	14	17	19	21	24	25	25
2300	D	296	308	313	306	308	313	303	306
	V	08	14	17	20	22	25	27	25
2315	D	291	303	308	306	203	313	303	306
	V	07	13	18	20	20	22	26	25
2330	D	286	293	303	301	303	308	303	306
	V	05	10	15	15	17	21	23	26
2345	D	281	293	303	301	303	313	303	306
	V	05	10	14	16	18	22	24	27
0000	D	291	298	303	306	308	313	303	306
	V	06	12	15	17	20	23	25	26
0015	D	296	303	308	306	308	313	303	306
	V	07	13	17	19	22	25	26	25
0030	D	291	293	303	301	303	308	303	306
	V	08	12	16	20	20	23	25	24
0045	D	281	288	298	301	298	308	298	306
	V	07	11	16	17	17	20	23	25
0100	D	276	283	298	296	298	308	298	306
	V	04	08	11	12	15	17	20	24
0115	D	286	293	303	306	303	313	303	306
	V	03	07	11	12	14	17	19	23
0130	D	286	303	308	311	313	318	308	311
	V	03	08	11	14	14	19	21	23
0145	D	286	283	298	301	303	313	303	311
	V	02	07	10	10	13	16	18	20
0200	D	281	288	298	301	308	313	303	311
	V	03	07	11	12	13	15	17	20
0215	D	286	293	303	306	313	313	308	316
	V	03	09	12	13	14	16	19	18
0230	D	286	298	303	306	308	313	308	316
	V	02	10	14	15	17	19	20	17

TABLE XVII-1 (Cont)

EXPERIMENT NO. 6 (Cont)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
0245	D (deg)	281	298	303	301	303	313	308	316
	V (mph)	03	10	15	17	19	21	20	17
0300	D	286	298	303	301	303	313	303	316
	V	04	11	16	19	20	21	19	16

EXPERIMENT NO. 7 (TRACER EMISSION FROM 07132201 TO 07132231)

2200	D (deg)	266	313	313	306	308	308	298	301
	V (mph)	1	8	9	9	9	10	11	12
2215	D	276	313	313	311	313	313	298	296
	V	2	10	12	12	12	12	12	12
2230	D	281	318	313	316	318	318	308	311
	V	2	7	10	10	12	12	13	14
2245	D	281	313	318	321	318	318	308	311
	V	2	8	10	12	14	15	17	17
2300	D	286	323	323	321	318	323	313	311
	V	3	9	13	14	15	17	19	20
2315	D	286	323	323	316	313	318	308	311
	V	3	10	14	16	16	18	20	19
2330	D	276	323	318	321	313	318	308	311
	V	3	9	14	14	17	18	19	18
2345	D	291	323	318	321	313	318	308	311
	V	3	11	17	16	17	19	19	17
0000	D	291	318	-	316	308	318	308	316
	V	4	11	-	16	18	19	18	16
0015	D	286	313	-	311	313	318	308	311
	V	4	11	-	18	18	21	20	16
0030	D	296	313	-	311	313	318	308	311
	V	4	10	-	17	19	21	22	17
0045	D	316	318	-	316	313	318	308	311
	V	4	11	-	18	19	22	24	18
0100	D	316	318	318	316	313	318	308	316
	V	6	11	15	17	19	22	24	19
0115	D	306	313	318	316	313	318	303	306
	V	6	10	15	16	17	20	22	21
0130	D	301	308	313	311	308	313	303	306
	V	4	10	13	14	15	17	19	21
0145	D	296	303	313	306	308	313	303	306
	V	4	9	12	14	15	17	18	21
0200	D	291	298	303	301	303	308	298	306
	V	4	8	12	14	15	17	19	21
0215	D	291	298	303	301	303	308	298	306
	V	3	8	11	13	14	17	18	22
0230	D	296	303	303	301	303	308	298	301
	V	3	8	12	13	15	17	18	21
0245	D	286	293	298	291	293	293	288	291
	V	3	9	13	14	15	17	17	18
0300	D	226	263	293	286	283	293	283	286
	V	2	6	10	12	12	13	14	16
0315	D	176	213	228	226	233	268	268	281
	V	3	6	8	5	6	8	8	11
0330	D	166	153	168	176	193	228	248	286
	V	4	7	8	5	3	8	2	4
0345	D	166	143	153	156	173	188	228	246
	V	1	4	5	2	2		1	2
0400	D	166	153	163	156	163	178	178	206
	V	1	1	2	1	2	2	1	2

TABLE XVII-1 (Cont)

EXPERIMENT NO. 8

(TRACER EMISSION FROM 07152200 TO 07152230)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
2200	D (deg)	311	313	313	311	313	313	308	311
	V (mph)	06	11	16	18	21	23	22	18
2215	D	311	318	318	316	313	313	308	311
	V	06	10	15	17	19	22	24	20
2230	D	281	293	308	306	303	313	303	306
	V	04	05	10	12	14	15	18	22
2245	D	301	298	303	306	308	313	303	306
	V	05	09	13	13	14	18	20	23
2300	D	296	308	308	306	308	318	303	311
	V	05	09	12	13	14	16	18	22
2315	D	296	303	308	311	313	313	303	311
	V	04	09	12	13	15	18	19	23
2330	D	281	303	308	306	303	313	308	316
	V	04	08	12	15	17	20	21	23
2345	D	286	293	303	301	298	308	303	311
	V	06	09	14	16	18	20	22	22
0000	D	291	293	298	301	298	303	298	311
	V	05	09	14	15	16	19	21	20
0015	D	291	298	298	301	303	308	298	308
	V	05	10	13	14	15	18	20	23
0030	D	276	288	293	291	298	303	298	306
	V	06	10	13	14	16	18	20	23
0045	D	286	288	293	291	298	303	293	306
	V	05	10	13	13	15	17	20	24
0100	D	286	288	293	296	298	303	293	306
	V	05	09	13	13	15	17	18	22
0115	D	286	293	298	296	303	308	298	306
	V	05	10	13	14	16	18	20	22
0130	D	286	293	298	301	303	308	298	306
	V	04	09	13	14	16	18	20	22
0145	D	296	298	303	301	303	303	298	306
	V	06	11	14	15	16	19	20	23
0200	D	296	298	298	301	303	303	298	306
	V	05	09	13	13	15	17	20	23
0215	D	276	288	293	291	298	303	298	306
	V	04	08	12	13	15	16	19	22
0230	D	296	293	298	296	298	303	293	308
	V	05	10	14	14	16	18	19	22
0245	D	286	268	293	291	293	298	293	306
	V	05	09	13	14	15	17	19	22
0300	D	281	268	278	281	283	288	283	296
	V	04	07	10	11	13	15	16	19
0315	D	266	273	278	276	283	288	283	296
	V	04	07	10	10	12	13	14	17
0330	D	281	283	293	296	298	298	288	301
	V	02	06	09	10	11	12	14	17
0345	D	271	288	293	291	298	298	293	311
	V	02	08	11	12	14	15	16	17

TABLE XVII-1 (Cont)

EXPERIMENT NO. 9

(TRACER EMISSION FROM 07162324 TO 07162354)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
2315	D (deg)	326	328	333	326	328	328	318	326
	V (mph)	05	09	12	12	14	14	16	17
2330	D	311	313	323	321	323	323	318	321
	V	04	10	15	16	18	19	19	18
2345	D	306	308	313	316	318	318	313	326
	V	05	12	18	18	17	16	15	13
0000	D	296	303	308	-	313	318	308	316
	V	06	12	17	-	20	19	19	16
0015	D	291	303	308	-	308	318	308	321
	V	05	10	14	-	19	20	20	17
0030	D	296	303	313	-	313	318	313	326
	V	03	08	13	-	19	21	19	17
0045	D	286	303	308	306	308	318	313	321
	V	03	08	13	16	18	22	20	17
0100	D	271	283	293	301	308	318	313	321
	V	03	07	11	13	17	21	20	19
0115	D	276	288	298	301	308	318	313	316
	V	04	09	12	15	18	20	20	19
0130	D	286	293	303	306	308	318	313	321
	V	04	09	13	15	18	22	21	19
0145	D	286	293	303	306	308	313	308	316
	V	04	09	13	15	18	22	22	20
0200	D	301	308	313	311	323	323	313	321
	V	05	10	15	17	21	22	21	20
0215	D	311	318	318	321	323	328	318	326
	V	05	12	17	20	21	21	21	20
0230	D	311	313	318	321	323	328	318	326
	V	05	11	17	19	21	21	21	19
0245	D	316	318	318	321	323	328	318	326
	V	06	12	18	21	22	22	21	19
0300	D	316	318	323	321	323	328	318	326
	V	07	13	19	21	22	22	21	19
0315	D	321	318	323	321	328	328	318	326
	V	07	13	19	22	21	21	21	19
0330	D	321	323	328	331	333	333	323	331
	V	05	12	18	20	19	20	19	18
0345	D	321	323	328	331	333	338	328	331
	V	05	12	18	19	19	19	18	17

TABLE XVII-1 (Cont)

EXPERIMENT NO. 10		(TRACER EMISSION FROM 07192201 TO 07192231)							
	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
2200	D (deg)	311	313	318	316	313	318	308	311
	V (mph)	12	19	24	25	27	29	31	31
2215	D	306	313	313	316	313	313	308	311
	V	11	18	22	24	26	28	30	30
2230	D	306	303	313	311	313	313	303	306
	V	11	16	21	22	25	26	28	28
2245	D	301	303	308	306	308	313	298	306
	V	10	16	20	22	24	26	27	29
2300	D	301	303	308	306	308	313	298	306
	V	10	16	20	22	23	25	27	29
2315	D	301	303	308	306	308	313	303	306
	V	09	15	19	21	22	25	26	28
2330	D	286	303	298	301	298	303	293	301
	V	08	15	17	19	20	22	24	25
2345	D	281	288	288	291	288	293	288	291
	V	06	13	15	15	17	19	20	20
0000	D	301	293	303	301	298	308	293	301
	V	06	12	15	16	17	19	18	21
0015	D	301	303	303	301	298	303	293	296
	V	05	11	15	16	17	19	20	22
0030	D	291	298	298	296	298	303	293	296
	V	06	11	17	18	19	21	22	23
0045	D	291	298	298	296	298	298	288	296
	V	07	14	17	19	19	21	22	22
0100	D	301	303	303	301	303	303	293	301
	V	06	12	16	17	18	19	20	21
0115	D	306	308	308	306	303	308	293	301
	V	05	11	15	16	17	18	19	21

EXPERIMENT NO. 11 (TRACER EMISSION FROM 07212200 TO 07212230)

2200	D (deg)	316	328	328	326	328	328	318	316	
	V (mph)	02	06	10	10	10	08	07	04	
2215	D	321	323	323	321	323	323	313	316	
	V	02	08	12	13	14	13	11	07	
2230	D	306	313	323	316	318	318	308	311	
	V	02	08	12	13	14	16	15	13	
2245	D	291	308	313	311	308	313	303	306	
	V	02	06	10	12	13	15	16	14	
2300	D	256	273	283	286	288	298	293	301	
	V	02	06	08	09	10	13	14	15	
2315	D	246	283	293	296	293	303	293	296	
	V	02	06	08	09	10	12	13	15	
2330	D	271	293	308	306	303	313	298	301	
	V	02	06	10	11	12	14	14	16	
2345	D	266	293	303	306	293	308	293	296	
	V	02	06	10	11	11	14	14	15	
0000	D	271	293	303	301	298	303	293	301	
	V	02	07	10	11	12	14	14	16	
0015	D	276	283	293	296	293	303	293	301	
	V	02	06	09	11	11	14	14	16	
0030	D	266	288	293	296	298	303	288	301	
	V	02	06	10	12	13	15	15	17	
0045	D	271	288	293	296	298	303	293	306	
	V	02	06	09	11	12	15	16	19	
0100	D	296	308	313	311	313	313	308	321	
	V	02	08	12	13	15	18	20	18	

TABLE XVII-1 (Cont)

EXPERIMENT NO. 11 (Cont)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
0115	D (deg)	291	323	323	321	318	323	313	321
	V (mph)	01	06	10	14	15	20	18	16
0130	D	C	333	328	321	318	318	308	311
	V	C	03	06	08	10	14	14	19
0145	D	C	343	343	336	333	328	313	321
	V	C	04	07	08	10	13	14	19
0200	D	096	043	033	366	353	343	323	321
	V	01	04	05	06	07	11	12	14
0215	D	156	093	068	026	358	338	323	321
	V	02	01	02	0	02	05	06	09
0230	D	141	C	063	C	353	348	323	321
	V	01	C	02	C	02	03	04	07
0245	D	151	C	078	C	348	338	323	316
	V	02	C	02	C	02	03	04	07
0300	D	156	C	C	C	323	318	308	311
	V	02	C	C	C	02	03	04	07
0315	D	156	C	C	C	303	313	308	306
	V	02	C	C	C	01	03	04	06
0330	D	176	C	C	C	303	313	303	301
	V	01	C	C	C	01	03	04	07
0345	D	156	C	C	301	313	318	303	301
	V	01	C	C	01	03	05	06	08

EXPERIMENT NO. 12 (TRACER EMISSION FROM 07220015 TO 07220045)

0015	D (deg)	321	323	333	336	338	338	328	321
	V (mph)	03	09	13	12	12	12	12	12
0030	D	316	323	333	331	333	328	318	311
	V	04	09	13	13	13	12	12	10
0045	D	311	318	328	321	323	323	313	316
	V	03	08	12	12	14	12	11	08
0100	D	311	318	323	321	318	323	308	311
	V	02	08	12	13	13	13	12	09
0115	D	321	323	323	316	318	323	313	311
	V	05	10	15	16	16	17	16	13
0130	D	316	323	323	316	313	318	308	316
	V	03	08	13	15	16	19	19	18
0145	D	311	313	313	311	308	313	308	311
	V	03	07	12	14	16	18	18	18
0200	D	301	303	308	301	303	308	303	306
	V	04	09	14	16	16	18	18	18
0215	D	311	313	313	311	308	313	308	316
	V	03	08	14	14	15	16	17	17
0230	D	306	313	313	311	313	318	318	331
	V	03	09	14	14	15	16	15	14
0245	D	296	303	313	311	308	318	313	326
	V	04	09	14	16	16	16	15	14

TABLE XVII-1 (Cont)

EXPERIMENT NO. 13

(TRACER EMISSION FROM 07242230 TO 07242300)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
2230	D (deg)	266	273	283	281	283	293	283	291
	V (mph)	08	11	14	15	16	18	19	22
2245	D	271	278	283	281	283	288	283	286
	V	07	12	14	15	16	17	18	20
2300	D	271	278	283	281	283	288	283	286
	V	08	14	16	16	17	18	20	21
2315	D	281	278	283	301	293	283	278	286
	V	07	13	16	17	18	18	21	22
2330	D	291	293	298	291	293	288	288	286
	V	07	13	16	17	17	18	18	19
2345	D	276	278	288	291	283	283	278	281
	V	05	12	12	13	14	15	15	17
0000	D	271	278	278	271	273	278	273	281
	V	06	10	13	13	14	15	15	16
0015	D	261	268	273	271	273	273	273	276
	V	03	08	11	10	11	10	10	11
0030	D	261	263	268	266	273	278	273	276
	V	03	07	09	09	09	11	11	12
0045	D	276	278	278	276	278	283	273	281
	V	03	08	10	10	11	13	15	15
0100	D	296	298	298	291	293	298	288	291
	V	03	08	11	13	13	15	15	16
0115	D	286	298	303	296	298	298	288	291
	V	03	07	11	12	13	14	15	16
0130	D	251	263	273	276	278	288	283	286
	V	04	07	10	10	11	13	14	16
0145	D	241	273	278	276	283	288	283	286
	V	02	04	08	08	10	12	13	16

EXPERIMENT NO. 14

(TRACER EMISSION FROM 07280005 TO 07280035)

0000	D (deg)	276	298	308	311	313	313	303	301
	V (mph)	02	09	14	16	15	14	12	09
0015	D	276	303	313	316	318	323	313	311
	V	02	09	13	14	13	13	11	09
0030	D	231	268	308	311	318	318	308	316
	V	01	05	09	12	13	14	12	10
0045	D	226	268	293	306	313	318	308	311
	V	02	04	07	10	10	12	13	10
0100	D	236	268	288	296	303	318	308	311
	V	03	05	07	10	11	12	12	11
0115	D	241	273	293	301	303	313	313	311
	V	02	06	08	11	12	15	17	12
0130	D	251	278	298	301	308	313	308	316
	V	02	06	09	12	13	16	19	12
0145	D	261	283	303	311	313	318	308	316
	V	02	06	09	12	14	15	18	12
0200	D	256	298	318	316	313	318	303	316
	V	02	05	10	12	13	16	18	14
0215	D	266	303	318	316	313	323	308	316
	V	01	05	10	13	13	16	17	14
0230	D	291	308	318	316	318	323	318	316
	V	01	05	09	13	14	16	15	15
0245	D	281	313	323	321	318	323	313	316
	V	01	05	09	12	13	16	15	17
0300	D	276	303	318	316	318	323	318	316
	V	01	04	7	10	12	14	16	17

TABLE XVII-1 (Cont)

EXPERIMENT NO. 14 (Cont)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
0315	D (deg)	291	313	323	321	318	323	308	316
	V (mph)	0	04	7	10	12	15	19	17
0330	D	316	328	328	326	323	323	308	316
	V	0	05	08	11	12	15	19	16
0345	D	301	318	323	316	318	323	313	321
	V	02	07	11	14	14	17	17	17
0400	D	291	313	323	316	313	323	313	316
	V	01	07	11	14	16	18	18	17
0415	D	266	303	313	316	313	318	308	316
	V	02	07	11	14	16	18	17	17
0430	D	266	288	308	306	308	313	293	316
	V	03	07	10	13	15	18	13	16
0445	D	266	283	298	301	303	308	278	311
	V	03	07	10	13	14	17	09	16

EXPERIMENT NO. 15 (TRACER EMISSION FROM 07300010 TO 07300040)

0000	D (deg)	311	318	328	331	341	338	343	346
	V (mph)	02	08	10	11	11	10	09	09
0015	D	306	308	308	311	321	318	323	331
	V	03	09	11	13	13	12	10	09
0030	D	276	283	288	291	301	303	303	311
	V	03	08	10	12	12	11	10	09
0045	D	261	273	278	281	291	293	298	301
	V	03	08	09	11	12	12	12	11
0100	D	251	268	278	281	291	293	298	306
	V	04	08	09	10	12	13	14	13
0115	D	246	268	283	286	296	303	308	311
	V	04	08	10	12	14	15	15	12
0130	D	251	273	288	296	301	308	308	311
	V	04	09	11	14	17	17	16	12
0145	D	266	283	298	306	311	308	313	316
	V	04	08	12	17	18	16	16	12
0200	D	276	288	303	306	311	308	313	316
	V	04	09	14	18	18	16	16	13
0215	D	286	293	303	306	311	313	313	321
	V	03	09	14	18	19	17	16	14
0230	D	301	308	308	311	316	318	318	331
	V	03	11	15	18	18	16	16	13
0245	D	301	308	313	316	316	318	323	331
	V	05	12	17	18	18	16	15	14
0300	D	301	308	313	316	321	318	328	341
	V	05	12	17	17	16	14	13	12
0315	D	306	308	313	316	321	323	333	346
	V	05	13	17	16	16	14	12	12
0330	D	301	308	318	321	326	323	333	341
	V	05	11	15	14	14	12	12	11
0345	D	296	308	318	316	326	323	333	341
	V	05	11	15	14	13	12	11	10
0400	D	296	308	313	316	321	318	323	336
	V	05	11	16	16	14	12	12	11
0415	D	296	303	313	311	316	318	323	331
	V	04	11	17	16	15	13	13	11

TABLE XVII-1 (Cont)

EXPERIMENT NO. 16

(TRACER EMISSION FROM 08052310 TO 08052340)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
2300	D (deg)	231	273	298	306	321	318	313	311
	V (mph)	02	05	06	08	11	13	15	17
2315	D	231	283	278	291	311	313	313	306
	V	02	05	06	07	09	12	13	16
2330	D	236	288	283	291	306	308	308	306
	V	02	06	06	07	09	11	13	16
2345	D	246	273	293	296	311	308	308	301
	V	3	06	07	09	11	12	14	17
0000	D	-	-	-	-	-	-	-	306
	V	-	-	-	-	-	-	-	20
0015	D	-	-	-	-	-	-	-	306
	V	-	-	-	-	-	-	-	20
0030	D	-	-	-	-	-	308	298	306
	V	-	-	-	-	-	16	17	20
0045	D	271	288	-	301	306	308	303	306
	V	03	09	-	13	15	18	17	22
0100	D	271	293	303	306	311	308	303	306
	V	03	09	12	15	17	18	20	23
0115	D	281	293	308	306	311	308	303	306
	V	03	08	13	18	19	22	22	24
0130	D	286	293	303	301	311	308	303	306
	V	05	10	15	18	21	23	24	22
0145	D	271	288	303	296	301	303	303	306
	V	04	09	14	14	18	20	24	23
0200	D	291	283	288	291	301	303	298	306
	V	05	09	11	13	15	18	20	23
0215	D	291	288	293	296	306	303	298	306
	V	05	10	12	15	16	19	20	24
0230	D	286	298	303	301	306	303	303	306
	V	06	11	14	16	18	20	21	25
0300	D	281	288	293	296	301	303	303	306
	V	05	09	11	13	15	18	19	24
0315	D	281	288	293	291	301	303	303	306
	V	05	10	12	14	16	18	20	24
0330	D	286	293	296	296	301	303	298	306
	V	05	09	12	13	15	17	19	22
0345	D	281	293	298	296	301	303	303	301
	V	05	09	12	13	15	17	19	21
0400	D	286	283	293	286	296	293	293	301
	V	05	08	11	11	13	15	15	19
0415	D	271	283	288	286	296	293	293	301
	V	04	09	09	11	12	14	15	20
0430	D	266	288	288	291	291	293	293	291
	V	04	09	11	13	14	15	16	16
0445	D	216	233	273	276	286	283	288	291
	V	02	07	10	10	11	12	13	14
0500	D	166	193	228	266	281	283	288	291
	V	01	07	05	06	07	09	10	13
0515	D	166	193	233	266	286	293	293	296
	V	01	06	05	06	07	10	11	13

TABLE XVII-1 (Cont)

EXPERIMENT NO. 17 (TRACER EMISSION FROM 08072130 TO 08072200)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
2130	D (deg)	306	308	313	311	316	308	308	311
	V (mph)	10	17	21	24	27	28	30	31
2145	D	306	313	318	316	321	313	313	311
	V	09	15	19	22	24	26	27	29
2200	D	321	323	323	321	326	318	313	311
	V	08	13	17	20	22	24	25	27
2215	D	341	343	333	326	311	328	323	316
	V	05	10	11	15	14	15	17	20
2230	D	316	318	318	316	321	308	313	306
	V	07	12	15	17	19	21	23	24
2245	D	311	316	318	316	321	313	313	306
	V	09	13	18	21	14	23	25	24
2300	D	306	308	313	306	316	308	308	311
	V	09	16	19	21	14	25	26	27
2315	D	296	303	308	306	311	308	308	306
	V	08	14	17	20	12	23	25	25
2330	D	261	288	293	291	301	293	298	306
	V	07	12	16	17	20	21	22	25
2345	D	286	293	298	291	301	293	298	296
	V	07	12	15	16	19	19	21	24
0000	D	286	293	298	296	301	298	303	301
	V	03	13	16	18	20	21	22	23
0015	D	286	293	293	291	301	298	298	301
	V	06	12	16	17	20	19	20	21
0030	D	286	293	298	296	301	293	293	296
	V	07	13	15	17	19	19	20	21
0045	D	291	298	303	296	306	298	298	301
	V	06	11	14	16	16	18	20	22
0100	D	286	293	293	301	301	308	298	301
	V	07	12	15	17	18	18	19	22
0115	D	306	313	318	316	321	313	308	311
	V	08	13	17	18	20	20	22	24
0130	D	296	308	313	306	316	308	313	311
	V	06	11	13	14	18	18	19	22
0145	D	306	308	313	316	321	313	313	311
	V	06	11	12	12	16	15	15	16
0200	D	316	318	323	326	331	323	313	321
	V	04	07	08	09	12	11	11	14
0215	D	296	313	318	316	331	318	313	321
	V	03	06	07	08	10	10	11	14
0230	D	266	288	303	306	326	318	323	321
	V	03	06	07	08	11	11	12	15
0245	D	256	278	293	296	316	313	318	316
	V	03	07	07	08	10	10	12	14
0300	D	271	273	283	291	301	298	303	306
	V	05	09	10	10	12	12	13	14
0315	D	276	298	313	306	311	303	303	301
	V	03	07	10	11	13	13	14	15
0330	D	291	303	313	306	311	303	303	301
	V	03	08	12	13	14	16	17	18

TABLE XVII-1 (Cont)

EXPERIMENT NO. 18

(TRACER EMISSION FROM 08092145 TO 08092215)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
2145	D (deg)	311	313	313	311	316	308	308	306
	V (mph)	09	15	18	21	24	25	26	25
2200	D	301	308	313	306	316	308	308	306
	V	09	15	19	22	25	26	28	26
2215	D	296	308	308	306	311	308	303	301
	V	09	15	18	21	24	25	27	27
2230	D	306	308	308	306	316	308	308	306
	V	09	16	19	22	25	25	26	25
2245	D	301	308	308	306	311	308	308	306
	V	10	16	20	23	25	26	27	24
2300	D	301	308	308	306	311	308	308	306
	V	09	16	19	22	25	27	27	24
2315	D	291	293	298	296	301	303	303	301
	V	08	14	17	19	22	22	24	24
2330	D	286	293	293	291	301	298	298	301
	V	05	10	10	12	14	14	16	19
2345	D	291	298	298	301	301	303	298	301
	V	04	08	10	11	13	14	16	19
0000	D	291	293	298	296	301	303	298	301
	V	04	09	11	12	14	14	15	17
0015	D	276	283	283	286	296	293	293	296
	V	04	08	11	12	13	13	14	15
0030	D	296	288	293	291	296	293	293	296
	V	03	07	09	11	12	12	12	15
0045	D	306	293	298	296	301	293	293	296
	V	03	07	09	09	11	11	12	13
0100	D	326	318	308	291	296	298	293	291
	V	03	06	08	10	12	14	15	16
0115	D	C	313	293	291	306	298	293	291
	V	C	02	06	11	14	14	15	15
0130	D	291	298	308	306	311	308	303	296
	V	03	09	12	14	16	15	15	14
0145	D	291	298	303	301	311	308	303	291
	V	03	09	13	14	16	15	14	14
0200	D	296	303	313	311	321	313	303	291
	V	02	08	11	13	13	12	12	10
0215	D	C	308	313	316	321	318	308	296
	V	C	06	10	12	13	13	12	09
0230	D	296	308	308	306	311	308	303	296
	V	03	10	14	14	13	11	09	07
0245	D	306	303	313	311	311	308	293	286
	V	03	10	13	14	16	13	12	10
0300	D	301	303	313	306	311	303	303	296
	V	02	06	10	13	16	18	16	14
0315	D	C	308	303	301	311	303	298	291
	V	C	05	09	12	16	16	15	12
0330	D	C	293	313	311	316	308	298	291
	V	C	03	07	11	13	13	13	11
0345	D	296	308	313	306	316	303	298	286
	V	02	06	10	12	14	12	11	08
0400	D	C	303	313	306	316	303	298	296
	V	C	06	09	10	12	11	10	08

TABLE XVII-1 (Cont)

EXPERIMENT NO. 19 (TRACER EMISSION FROM 08112145 TO 08112215)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (FST)	Element								
2145	D (deg)	296	303	303	301	306	303	303	301
	V (mph)	12	20	23	26	28	28	29	31
2200	D	286	293	298	296	301	298	293	296
	V	11	17	20	22	24	25	25	26
2215	D	291	298	303	301	306	303	298	296
	V	09	14	17	18	20	21	22	23
2230	D	291	298	298	296	301	303	298	296
	V	10	15	18	19	21	21	22	24
2245	D	296	303	308	296	306	303	303	-
	V	13	18	19	19	22	23	24	24
2300	D	291	298	303	301	306	298	298	291
	V	11	07	21	22	22	22	24	25
2315	D	256	253	253	246	251	243	228	226
	V	08	11	15	15	16	16	17	18
2330	D	256	233	258	261	261	243	238	231
	V	03	07	09	11	23	12	12	15
2345	D	301	303	308	301	301	298	293	281
	V	03	06	08	09	11	12	10	10
0000	D	311	318	318	316	321	318	313	311
	V	05	09	12	13	15	15	15	15
0015	D	311	318	323	321	321	318	313	316
	V	06	11	15	15	17	18	18	18
0030	D	321	323	323	321	326	318	318	316
	V	06	11	14	15	16	17	18	19
0045	D	316	323	323	321	321	318	313	311
	V	05	09	12	14	16	18	17	19
0100	D	311	313	318	316	321	313	313	306
	V	08	14	16	18	19	21	22	23
0115	D	311	313	313	311	316	313	308	306
	V	09	14	17	20	22	23	23	23
0130	D	306	308	313	311	316	313	308	301
	V	10	16	18	21	23	24	25	25
0145	D	306	313	318	311	321	313	308	306
	V	09	15	18	19	22	23	24	24
0200	D	306	308	313	311	316	313	308	306
	V	10	15	18	19	20	22	22	22

TABLE XVII-1 (Cont)

EXPERIMENT NO. 20

(TRACER EMISSION FROM 08130021 TO 08130051)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
0015	D (deg)	251	293	328	326	321	303	288	271
	V (mph)	02	05	05	07	08	08	08	07
0030	D	236	283	323	331	336	323	303	281
	V	02	04	04	06	08	07	06	06
0045	D	231	258	303	331	346	343	335	306
	V	02	05	02	04	06	06	06	06
0100	D	-	263	-	291	321	338	328	311
	V	-	05	-	05	04	04	04	05
0115	D	-	278	-	286	326	318	308	306
	V	-	03	-	04	06	06	06	06
0130	D	-	273	-	286	276	293	-	306
	V	-	05	-	04	06	06	-	09
0145	D	-	263	-	286	266	293	298	306
	V	-	06	-	04	06	07	-	08
0200	D	-	263	273	286	286	298	298	306
	V	-	07	08	04	06	06	-	09
0215	D	251	C	293	296	291	313	298	306
	V	03	C	05	03	06	04	04	07
0230	D	246	213	253	296	301	308	313	311
	V	03	02	04	03	04	04	04	04
0245	D	V	213	253	291	301	298	303	301
	V	01	04	04	04	03	06	04	05
0300	D	171	238	273	296	301	298	303	306
	V	01	04	04	04	05	06	06	08
0315	D	186	238	268	296	296	303	308	311
	V	01	05	03	03	06	06	06	08
0330	D	186	243	278	286	311	313	313	321
	V	02	05	04	04	06	07	06	07
0345	D	201	213	263	286	326	328	323	326
	V	03	05	04	04	05	05	05	05
0400	D	201	213	253	286	313	313	318	326
	V	02	04	04	04	04	04	03	04
0415	D	196	228	278	296	291	298	298	306
	V	01	02	03	03	04	03	02	03
0430	D	176	248	293	296	296	283	C	C
	V	01	02	02	03	02	01	C	C
0445	D	176	248	293	291	281	288	C	C
	V	01	02	01	03	02	01	C	C

TABLE XVII-1 (Cont)

EXPERIMENT NO. 21		(TRACER EMISSION FROM 08142108 TO 08142138)							
	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
2100	D (deg)	301	308	308	306	311	303	303	306
	V (mph)	6	12	15	17	19	20	22	23
2115	D	306	308	313	306	311	303	303	306
	V	6	11	15	17	19	21	23	25
2130	D	306	313	313	311	311	308	308	306
	V	9	14	18	20	22	23	25	27
2145	D	306	313	318	311	311	308	308	306
	V	9	14	19	20	23	24	26	27
2200	D	306	308	313	311	311	308	308	306
	V	9	15	19	21	23	24	26	25
2215	D	301	303	308	306	306	308	303	306
	V	10	16	20	21	24	26	27	26
2230	D	301	308	303	-	306	308	303	306
	V	10	15	20	-	25	27	28	27
2245	D	301	308	308	306	306	308	303	306
	V	10	16	20	22	25	26	28	28
2300	D	306	308	308	306	311	308	308	306
	V	9	14	17	20	23	24	26	28
2315	D	306	313	313	311	316	313	313	311
	V	10	15	19	21	24	25	27	29
2330	D	301	313	313	311	311	313	313	311
	V	9	15	17	20	22	24	25	27
2345	D	301	308	308	306	311	308	308	306
	V	10	15	18	21	23	24	25	26
0000	D	301	303	303	301	306	308	303	301
	V	8	14	16	18	19	20	22	23
0015	D	301	303	308	306	306	303	303	301
	V	7	12	15	17	18	19	20	21
0030	D	296	298	298	301	301	303	303	301
	V	8	13	16	17	19	20	21	22
0045	D	291	298	298	296	301	303	298	296
	V	9	14	17	19	21	22	23	23
0100	D	291	298	298	296	296	303	298	296
	V	9	14	16	19	20	21	22	23
0115	D	286	293	298	291	296	298	298	291
	V	8	13	16	17	19	20	21	21
0130	D	281	288	298	291	296	298	298	296
	V	9	14	17	19	22	23	24	25
0145	D	291	293	293	296	301	298	298	296
	V	9	13	17	19	21	22	23	25
0200	D	296	293	298	296	311	303	303	301
	V	7	11	14	16	17	19	21	24
0215	D	311	313	313	311	311	308	303	301
	V	5	8	11	13	15	14	16	18
0230	D	286	288	293	291	296	298	293	296
	V	5	10	13	15	16	17	17	19
0245	D	286	288	293	291	296	298	293	296
	V	9	14	16	15	20	20	21	22

TABLE XVII-1 (Cont)

EXPERIMENT NO. 22		(TRACER EMISSION FROM 08172050 TO 08172120)							
	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
2045	D (deg)	301	303	308	306	311	303	303	306
	V (mph)	09	14	18	20	22	23	24	26
2100	D	296	303	303	306	306	303	303	306
	V	09	15	17	21	23	24	25	26
2115	D	301	308	308	306	311	308	303	306
	V	10	16	19	22	24	25	26	27
2130	D	306	308	308	306	311	308	303	306
	V	11	16	18	23	24	25	25	27
2145	D	306	308	313	311	311	313	303	306
	V	11	16	20	25	24	25	26	28
2200	D	301	308	308	311	311	308	303	301
	V	10	16	19	21	24	25	26	28
2215	D	301	308	308	311	311	308	303	301
	V	09	15	18	20	22	24	23	26
2230	D	301	303	308	306	311	308	303	301
	V	08	12	15	18	20	21	22	25
2245	D	286	298	303	306	301	308	303	301
	V	07	11	14	17	18	20	21	24
2300	D	271	283	288	286	291	298	293	296
	V	06	10	12	14	15	17	17	20
2315	D	281	288	288	286	291	293	293	296
	V	06	10	13	14	15	16	16	18
2330	D	276	283	288	286	291	293	292	291
	V	05	09	11	13	15	16	16	18
2345	D	281	283	288	286	291	293	293	291
	V	05	08	11	13	14	15	15	17
0000	D	251	267	273	276	281	288	293	291
	V	04	08	09	10	11	13	13	16
0015	D	261	273	278	276	286	288	288	291
	V	03	07	08	09	11	12	12	15
0030	D	276	278	283	281	291	293	288	291
	V	03	08	08	10	11	12	12	14
0045	D	256	273	283	286	291	293	288	291
	V	02	06	08	09	11	11	11	14
0100	D	256	263	278	281	291	293	288	291
	V	03	07	07	09	11	12	12	15
0115	D	261	268	283	291	296	298	293	291
	V	02	06	07	09	11	12	13	15

TABLE XVII-1 (Cont)

EXPERIMENT NO. 23

(TRACER EMISSION FROM 08182050 TO 08182120)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
2045	D (deg)	306	308	313	311	316	308	308	306
	V (mph)	10	17	19	22	24	25	27	28
2100	D	311	313	313	311	316	313	308	306
	V	10	16	19	21	24	25	27	28
2115	D	306	308	308	306	311	308	308	306
	V	10	17	20	23	25	26	27	28
2130	D	306	308	313	306	311	308	308	306
	V	11	18	20	21	24	25	26	28
2145	D	-	-	-	311	-	-	-	306
	V	-	-	-	21	-	-	-	27
2200	D	-	-	-	311	311	313	308	306
	V	-	-	-	22	23	26	26	27
2215	D	-	-	308	311	306	313	303	306
	V	-	-	18	22	23	26	27	28
2230	D	301	303	308	306	306	308	303	301
	V	09	14	17	20	21	24	25	27
2245	D	296	303	308	306	306	308	303	301
	V	08	14	16	19	20	23	23	26
2300	D	286	299	298	301	301	303	303	296
	V	07	12	14	17	18	20	22	23
2315	D	271	278	283	286	291	298	293	296
	V	05	09	11	22	13	15	16	19
2330	D	271	278	283	281	291	293	293	296
	V	05	09	10	11	13	14	14	18
2345	D	271	278	275	281	286	293	288	291
	V	06	09	11	13	13	15	15	17
0000	D	281	288	283	286	286	293	283	286
	V	06	11	12	14	14	16	16	18
0015	D	286	293	288	291	291	293	288	291
	V	07	12	13	15	16	18	17	20
0030	D	291	293	293	291	296	298	288	291
	V	07	11	14	15	16	17	18	19
0045	D	281	288	288	291	291	293	288	291
	V	06	11	13	15	15	16	17	18
0100	D	271	268	273	276	281	288	288	286
	V	05	09	10	11	11	14	13	15
0115	D	271	268	273	276	281	288	278	286
	V	05	09	10	11	11	11	11	13

TABLE XVII-1 (Cont)

EXPERIMENT NO. 24

(TRACER EMISSION FROM 08240002 TO 08240032)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
0000	D (deg)	276	313	348	351	341	333	323	301
	V (mph)	02	04	04	05	05	06	05	03
0015	D	281	323	343	346	351	338	333	316
	V	03	06	05	06	07	06	06	04
0030	D	241	293	313	326	321	328	328	321
	V	02	06	05	06	06	06	06	06
0045	D	276	316	313	326	296	328	323	326
	V	01	05	08	07	07	07	07	06
0100	D	271	303	308	311	316	318	313	326
	V	01	06	10	14	11	10	07	06
0115	D	261	288	308	-	321	318	318	326
	V	01	06	10	12	11	10	08	06
0130	D	256	293	313	-	321	323	323	326
	V	02	06	10	10	09	08	06	04
0145	D	241	273	293	306	321	323	318	321
	V	02	05	07	09	11	11	11	09
0200	D	216	283	303	311	321	323	323	326
	V	01	03	04	07	08	10	11	11
0215	D	C	328	303	331	336	333	323	326
	V	C	01	04	06	08	10	11	11
0230	D	C	333	348	346	336	323	323	321
	V	C	02	05	08	08	10	12	11
0245	D	C	C	363	346	326	313	308	316
	V	C	C	04	04	04	07	09	12
0300	D	C	358	348	316	306	303	298	301
	V	C	02	03	04	04	07	09	13
0315	D	176	358	293	276	281	283	288	286
	V	01	01	01	04	06	08	09	12
0330	D	186	188	203	226	266	283	283	286
	V	01	04	02	03	04	06	07	08
0345	D	196	203	223	256	276	288	298	296
	V	01	04	03	04	04	04	06	09
0400	D	211	218	213	216	251	268	283	296
	V	02	06	06	05	04	04	06	10
0415	D	211	218	223	226	236	263	278	296
	V	02	07	07	06	04	03	04	07

TABLE XVII-1 (Cont)

EXPERIMENT NO. 25 (TRACER EMISSION FROM 08252210 TO 08252240)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
2200	D (deg)	291	293	298	296	306	303	298	301
	V (mph)	06	10	12	14	15	16	17	11
2215	D	301	303	308	306	311	308	308	306
	V	09	15	17	19	20	22	23	24
2230	D	306	313	313	316	315	313	313	311
	V	11	17	20	23	24	26	27	30
2245	D	306	303	318	311	316	313	308	311
	V	12	20	22	24	25	28	29	32
2300	D	306	303	313	316	321	318	308	311
	V	12	17	21	25	26	27	28	32
2315	D	306	313	318	316	321	313	313	311
	V	14	22	24	26	26	28	29	31
2330	D	296	303	308	306	311	313	308	306
	V	11	18	21	22	23	24	24	25
2345	D	306	308	303	306	311	308	303	306
	V	11	18	20	22	22	23	22	22
0000	D	306	313	313	311	316	313	313	306
	V	07	12	14	15	15	15	15	15
0015	D	261	278	283	281	286	293	313	285
	V	06	08	10	12	12	13	15	14
0030	D	256	268	273	301	276	278	273	271
	V	04	06	08	09	10	11	11	12
0045	D	286	278	283	276	271	268	268	261
	V	01	04	05	06	06	07	08	09
0100	D	231	248	253	246	256	253	258	261
	V	04	06	08	09	08	08	08	10
0115	D	236	238	243	246	261	258	258	266
	V	05	08	11	12	13	12	13	14
0130	D	246	248	253	256	261	268	268	271
	V	03	07	08	10	10	10	10	10
0145	D	261	258	263	266	276	278	278	281
	V	03	04	06	07	07	08	08	10
0200	D	276	288	293	286	291	288	288	286
	V	02	03	04	06	07	07	09	11
0215	D	221	243	253	246	251	263	258	266
	V	03	05	06	07	08	08	10	10

TABLE XVII-1 (Cont)

EXPERIMENT NO. 26

(TRACER EMISSION FROM 08282100 TO 08282130)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
2100	D (deg)	311	313	313	316	321	318	313	306
	V (mph)	09	15	18	19	21	22	23	24
2115	D	311	313	313	316	321	318	313	306
	V	08	14	16	18	19	21	22	23
2130	D	306	313	313	316	321	313	313	311
	V	09	14	17	20	21	23	23	25
2145	D	311	313	318	316	316	318	313	311
	V	08	13	15	18	20	22	23	24
2200	D	311	318	318	316	316	318	308	311
	V	06	10	13	15	17	19	19	21
2215	D	306	313	318	311	316	313	308	311
	V	07	12	13	17	17	20	21	22
2230	D	311	313	313	311	316	313	308	311
	V	07	11	14	16	17	19	19	21
2245	D	306	313	313	311	316	313	308	311
	V	07	12	14	16	17	19	19	21
2300	D	301	303	308	306	306	308	303	311
	V	07	11	13	15	15	17	18	19
2315	D	301	308	308	311	311	313	308	306
	V	06	10	13	14	14	16	17	18
2330	D	311	318	318	316	321	318	313	311
	V	05	09	12	13	14	15	16	18
2345	D	306	308	313	311	306	308	303	306
	V	05	10	12	14	15	17	18	19
0000	D	306	308	308	306	306	308	303	306
	V	05	10	12	14	14	16	17	19
0015	D	301	303	308	306	306	303	303	306
	V	04	09	11	13	14	16	17	19
0030	D	286	293	298	296	301	303	298	301
	V	05	11	14	15	16	18	19	21
0045	D	301	303	303	301	306	303	303	301
	V	05	10	13	15	16	18	18	21
0100	D	301	303	308	306	311	308	303	306
	V	05	10	13	15	17	19	20	22
0115	D	306	313	308	311	311	313	308	306
	V	05	10	14	16	17	18	20	22
0130	D	321	313	318	311	311	308	303	306
	V	03	06	10	12	14	15	17	20
0145	D	291	293	303	301	306	303	303	301
	V	03	08	10	14	14	17	18	21
0200	D	286	293	298	301	306	303	303	306
	V	04	07	11	13	14	15	17	20
0215	D	281	293	303	301	306	303	303	306
	V	03	07	10	11	12	14	16	19
0230	D	271	283	293	296	301	298	303	301
	V	03	07	09	11	13	14	16	19
0245	D	266	273	283	291	296	298	298	301
	V	04	08	10	12	13	14	17	19
0300	D	271	283	288	291	296	298	298	306
	V	03	08	11	13	14	15	17	16
0315	D	261	273	288	286	296	293	298	306
	V	03	07	10	12	12	13	15	16

TABLE XVII-1 (Cont)

EXPERIMENT NO. 98

(TRACER EMISSION FROM 08302125 TO 08302225)

	Ht (ft)	7	50	100	150	200	250	300	400
Start of Interval (PST)	Element								
2115	D (deg)	306	308	313	306	316	308	303	306
	V (mph)	12	18	21	23	23	24	25	29
2130	D	301	303	308	306	306	303	303	301
	V	12	17	20	21	22	23	24	28
2145	D	306	308	313	311	296	308	308	306
	V	11	17	20	21	22	24	25	26
2200	D	296	303	303	301	306	303	298	296
	V	9	15	18	19	21	22	24	26
2215	D	296	298	303	296	306	303	298	296
	V	10	15	18	19	20	21	22	24
2230	D	301	303	303	301	306	303	298	301
	V	10	14	15	18	20	21	22	23
2245	D	296	298	303	301	306	303	298	296
	V	07	12	15	16	18	19	22	23
2300	D	296	303	308	306	306	303	303	301
	V	04	10	13	15	17	19	20	22
2315	D	306	313	313	311	311	313	308	301
	V	06	10	13	16	17	18	19	21
2330	D	316	313	323	321	316	313	313	306
	V	05	10	09	13	14	15	16	17
2345	D	316	318	308	321	316	318	313	306
	V	04	7	10	11	12	13	15	17
0000	D	301	303	303	301	306	303	303	296
	V	04	08	11	11	11	13	13	14
0015	D	291	298	293	296	301	298	298	296
	V	04	08	10	12	12	13	14	15
0030	D	281	288	298	296	301	298	298	296
	V	04	07	10	11	11	13	13	15
0045	D	296	303	303	306	306	308	303	301
	V	04	08	10	12	13	14	15	16
0100	D	281	288	288	291	301	303	298	296
	V	03	07	09	11	11	12	13	14
0115	D	281	288	298	296	296	298	298	291
	V	03	07	08	11	12	13	13	13
0130	D	291	298	303	301	306	303	298	296
	V	03	06	08	10	10	11	13	11
0145	D	306	278	308	306	311	303	303	291
	V	02	07	08	09	08	09	09	09

XVIII Temperature and Wind Data from Portable Meteorological Mast

Table XVIII-1 contains mean values of the temperature (T), wind speed (V), and wind direction (D), as measured on the portable meteorological mast during the period of tracer emission. The instrument system is described in Chapter IX of Volume I.

The basic print-outs used in the calculation of these means consisted of approximately 4-second means of the specific variables. A single scanning of the sensors began with the temperature at a height of 0.6 m and concluded, generally 1.80 minutes later, with the wind direction at a height of 24.4 m. In Experiment No. 13, the scanning cycle was mistakenly set at 1.46 instead of 1.80 minutes, but this should not affect significantly the accuracy of the print-outs.

In addition to the mean values, Table XVIII-1 contains the number of print-outs (N) used in computing the means. When the basic print-outs are known or suspected to be in error, or when the value of N is low, dash entries are made. The time tracer emission began and the time it was terminated are given in a date-time group. For example the entry 06190128 for Experiment No. 1 indicates emission of the tracer began on June 19 at 0128 PST.

TABLE XVIII - 1
Mean Values of Temperature, Wind Speed, and Wind Direction
at Portable Meteorological Mast

Exp. No.	During Tracer Emission											
	1		2		3		4		5		6	
Ht(m)	T(°C)	N	T(°C)	N	T(°C)	N	T(°C)	N	T(°C)	N	T(°C)	N
0.6	19.9	18	18.9	8	12.4	18	13.6	16	22.1	15	27.6	17
1.4	20.5	17	18.8	8	12.5	18	13.8	16	22.1	15	27.5	17
2.9	21.2	17	18.8	8	12.7	18	14.1	16	22.3	14	28.1	17
6.1	22.6	17	19.0	8	13.1	18	14.3	16	22.5	15	28.2	17
12.2	23.9	17	18.9	8	13.5	18	14.4	16	23.1	15	28.3	17
24.4	24.7	18	19.0	8	14.1	18	14.6	16	23.8	15	28.5	17
	V(cm/sec)	N	V(cm/sec)	N	V(cm/sec)	N	V(cm/sec)	N	V(cm/sec)	N	V(cm/sec)	N
0.8	85	17	299	8	135	18	146	16	148	15	315	17
1.5	133	17	360	8	179	18	234	16	190	15	349	17
3.0	151	17	424	8	192	18	221	16	235	15	450	17
6.1	237	17	508	8	250	18	239	5	287	15	544	17
12.2	377	17	603	6	369	18	337	15	405	15	628	17
24.4	411	17	659	8	531	18	357	13	575	15	738	16
	D(deg)	N	D(deg)	N	D(deg)	N	D(deg)	N	D(deg)	N	D(deg)	N
0.7	282	17	270	8	313	18	292	16	313	15	301	17
3.0	279	18	274	8	314	18	304	16	313	15	301	17
12.2	302	18	275	8	319	18	304	16	313	15	304	17
24.4	309	18	280	8	324	18	308	16	318	15	309	17
Emission begun	0619	0128	0625	2304	0628	2332	0706	2149	0708	2120	0710	2217
Emission terminated	0619	0158	0625	2318	0639	0002	0706	2215	0708	2150	0710	2247

TABLE XVIII-1 (Cont)

Exp. No.	7		8		9		10		11		12	
Ht(m)	T(°C)	N	T(°C)	N	T(°C)	N	T(°C)	N	T(°C)	N	T(°C)	N
0.6	20.1	18	25.3	17	25.4	17	29.8	17	27.8	17	29.5	18
1.4	20.6	18	25.4	17	25.6	17	29.9	18	28.2	17	29.6	18
2.9	21.2	18	25.7	17	26.1	17	30.1	18	28.7	17	30.0	18
6.1	22.4	18	25.9	17	26.4	17	30.2	18	29.5	16	30.6	18
12.2	23.7	18	26.1	17	27.0	17	30.3	18	30.1	17	31.4	18
24.4	24.6	18	26.6	17	27.9	17	30.4	18	30.9	17	32.6	18
	V(cm/sec)	N	V(cm/sec)	N	V(cm/sec)	N	V(cm/sec)	N	V(cm/sec)	N	V(cm/sec)	N
0.8	98	18	221	17	163	17	430	18	98	14	145	18
1.5	132	18	261	17	216	17	-	-	116	16	178	18
3.0	196	18	327	17	269	17	657	18	166	17	243	18
6.1	273	18	403	16	337	17	735	18	223	17	313	18
12.2	402	18	502	17	471	17	843	18	341	17	451	18
24.4	474	18	651	17	641	17	1005	18	457	17	557	18
	D(deg)	N	D(deg)	N	D(deg)	N	D(deg)	N	D(deg)	N	D(deg)	N
0.7	295	18	307	17	318	17	312	18	328	17	326	18
3.0	304	18	310	17	319	17	316	18	335	17	329	18
12.2	308	18	308	17	315	17	309	18	325	17	324	18
24.4	310	18	310	17	317	17	312	18	327	17	327	18
Emission begun	0713	2201	0715	2200	0716	2324	0719	2200	0721	2200	0723	0015
Emission terminated	0713	2231	0715	2230	0716	2354	0719	2230	0721	2230	0723	0045

TABLE XVIII-1 (Cont)

Exp. No.	13		14		15		16		17		18	
Ht(m)	T(°C)	N	T(°C)	N	T(°C)	N	T(°C)	N	T(°C)	N	T(°C)	N
0.6	24.5	22	14.5	18	23.5	17	16.5	18	26.8	18	26.2	18
1.4	24.8	22	15.0	18	23.8	17	17.1	18	26.8	18	26.2	18
2.9	25.1	22	15.6	18	24.5	17	18.4	18	26.9	18	26.4	18
6.1	25.2	21	16.4	18	25.4	17	19.9	18	27.1	18	26.5	18
12.2	25.3	22	17.3	18	26.5	17	21.2	18	27.1	18	26.5	18
24.4	25.5	22	18.5	18	27.3	17	22.0	18	27.4	18	26.7	18
	V(cm/sec)	N	V(cm/sec)	N	V(cm/sec)	N	V(cm/sec)	N	V(cm/sec)	N	V(cm/sec)	N
0.8	247	21	87	18	118	17	97	15	403	18	302	18
1.5	301	20	121	18	146	17	-	-	520	18	403	18
3.0	375	21	171	18	198	17	269	15	548	18	502	18
6.1	421	21	227	18	264	17	341	15	620	18	568	18
12.2	515	22	357	18	359	17	380	15	706	18	692	18
24.4	564	21	523	18	-	-	326	15	-	-	-	-
	D(deg)	N	D(deg)	N	D(deg)	N	D(deg)	N	D(deg)	N	D(deg)	N
0.7	290	22	266	18	300	17	243	18	320	18	317	18
3.0	296	22	279	18	300	17	247	18	319	18	322	18
12.2	292	22	299	18	296	17	270	18	320	18	320	18
24.4	279	22	310	18	296	17	279	18	320	18	323	18
Emission begun	0724	2230	0729	0005	0731	0010	0805	2310	0807	2130	0809	2145
Emission terminated	0724	2300	0729	0035	0731	0040	0805	2340	0807	2200	0809	2215

TABLE XVIII-1 (Cont)

Exp. No.	25			26			98		
Ht(m)	T(°C)	N	T(°C)	T(°C)	N	T(°C)	N		
0.6	23.1	17	18.2		15	18.5	34		
1.4	23.1	18	19.1		15	18.5	34		
2.9	23.1	18	18.1		14	18.5	34		
6.1	23.2	18	18.2		15	18.6	34		
12.2	23.1	18	18.3		15	18.7	34		
24.4	23.2	17	18.3		15	18.6	34		
	V(cm/sec)	N	V(cm/sec)	N	V(cm/sec)	N			
0.8	348	17	318		16	434	34		
1.5	420	18	388		16	473	34		
3.0	519	18	470		17	585	34		
6.1	616	18	544		17	659	33		
12.2	734	18	632		17	775	34		
24.4	679	12	635		10	774	22		
	D(deg)	N	D(deg)	N	D(deg)	N			
0.7	312	18	322		17	314	34		
3.0	316	18	325		15	311	34		
12.2	313	18	320		17	313	34		
24.4	316	18	328		17	314	34		
Emission begun	0825	2208	0828		2100	0830	2125		
Emission terminated	0825	2238	0828		2130	0830	2225		

XIX Wind Data from Radio-Telemetry Network

Table XIX-1, pages 227 through 257, contains mean values of wind direction (D) and wind speed (V) as measured at wind stations in the radio-telemetry network. A description of the instrumentation is given in Chapter X of Volume I, while the locations of the wind stations are shown in Fig. VI-1 of Volume I. Prior to the fourteenth dispersion experiment, Station No. 19 was located at an azimuth of 111° on the 25.6-km arc.

The basic data are averages over the time-periods shown. Questionable entries are denoted by asterisks. The start and termination of tracer emission are given for easy reference. The date-time group 06190128 denotes June 19, 0128 PST.

TABLE XIX-1
MEAN VALUES OF WIND DIRECTION AND WIND SPEED AT STATIONS IN THE RADIO-TELEMETERING NETWORK

EXPERIMENT NO. 1 (Tracer Emission from 06190128 to 06190158)

Time Interval	Station:		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Element																					
0100-0200	D (deg)				WNW	NW	SSW	W	W	NNW	W	SW			NW			SE	NW	NW		
	V (mph)				4	7	7	2	2	2	9	2			15			5	3	17		
0200-0300	D				WNW	NW	SW	SSW	WNW	WNW	WSW	WSW			NW			SSE	N			
	V				4	5	6	2	4	4	2	1			16			6	1			
0300-0400	D				WNW	WNW	WNW	WSW	WSW	WSW	S	SSW			NW			E	WNW	NW		
	V				5	4	9	2	4	4	4	3			15			5	1	16		
0400-0500	D				S	WNW	SW	W	W	NNW	W	SE			NW			E	WNW	NW		
	V				3	4	6	2	2	6	2	3			17			5	1	18		

EXPERIMENT NO. 2 (Tracer Emission from 06252304 to 06252318)

	D (deg)				NW	NW					WNW			NW			NW	W	NNW	
2315-2330	V (mph)				4	8					12			16			8	9	20	
	D					NW			N		WNW			NW			SSW	W	NW	
2330-0000	V					12			<4		14			18			6	10	18	
	D																			
2315-0000	V										8									
	D					NW			N		WNW			NW			SW	W	NW	
0000-0100	V					13			<4		13			17			3	9	20	
	D				WNW															
2330-0100	V				6															
	D				WNW	NW					WNW			NW			SW	WSW	NW	
0100-0200	V				5	14					12			17			3	7	16	

TABLE XIX-1 (cont)

EXPERIMENT NO. 4 (Tracer Emission from 07062149 to 07062215)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2145-2200	D (deg) V (mph)	NNW 8	NNE 4		SW 4	NW 12	W 12	NNW 4	WNW 12	NW 8	W 4			NW 16				W 5	SW 16	NE 1	
2200-2215	D V	NW 4	NNE 12		W 4	NW 8	W 12	WNW 8	NW 12	NW 8	WNW 8			NW 12				WSW 5	WSW 1	N 1	
2215-2230	D V	NW 4	NNE 8		NW 12	NW 8	W 8	SW 4	WNW 4	NW 8	WNW 4			NW 8				SW 5	WSW 12	NE 1	
2230-2245	D V	NW 4	NW 12		NNW 8	NNW 12	WNW 12	W 4	NNW 4	WNW 8	W 8			NW 8				WSW 4		W 1	
2215-2245	D V				NNE 2																
2145-2245	D V																				
2245-2300	D V	NW 4	NNE 12		S 4	N 4	W 8	W 4	WNW 8	NW 12	W 8			NW 16			ESE 6	W 5	NW 16	WSW 1	
2300-2315	D V	NW 4	NNE 12		WSW 4	N 4	W 4	W 4	NW 4	WNW 4	WNW 4			NW 16				WSW 2	NW 12	SW 1	
2245-2315	D V				WSW 4																
2315-2330	D V	NW 8	NW 16		WSW 4	NNW 8	W 8	NE 4	NNW 8	WNW 8	WSW 8			NW 12				SW 1	NW 16	WSW 2	
2330-2345	D V	NW 4	WNW 4		NNE 4	NW 4	W 4	NNE 4	NW 4	WNW 8				NW 12				WSW 4	NW 12	W 2	
2315-2345	D V	NNW 4	NNE 4		NW 4	NNW 8	W 4	ESE 4	WNW 8	WNW 4				NW 8				WSW 4		WSW 1	
2345-0000	D V																				
2330-0000	D V																				
0000-0015	D V	NW 4	NNE 4		WNW 4	NW 4	W 4	SSE 4	WNW 12	WNW 4	WSW 8			NW 8				W 5	NNW 12	SSW 1	
0015-0030	D V	NW 4	WNW 4		WSW 4	NW 4	W 8	WSW 4	W 4	W 4	W 4			WNW 8				WSW 4	NNW 8	WNW 1	
0030-0045	D V	NW 4	NNE 4		W 4	NW 4	W 12	NNE 8	W 4	WNW 4	W 4			NW 12				WSW 4	SSW 4	SSW 1	
0045-0100	D V	NW 12	NW 4		W 4	NW 8	W 8	SSE 4	WNW 4	WNW 4	W 4			W 8				WSW 5	WSW 1	ESE 1	
0100-0115	D V	NW 8	NW 8		W 4	NW 8	WSW 8	S 4	W 8	WNW 4	W 4			WNW 12				SW 5	SSW 1	SSW 1	

TABLE XIX-1 (cont)

EXPERIMENT NO. 5 (cont)																						
	Station:		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Element	Time Interval																				
	D (deg.)		NW								WNW								NNW		NNW	
	V (mph)	0115-0130	8								4								2	<1	<1	
	D																		NW		NW	
	V	0130-0145																	2	2	2	
	D		NW								SSE	NNW							NNW		NW	
	V	0145-0200	4								4	4							3	3	2	
	D		NNW	N	NNW	N	NNE	N			WNW								WNW		NW	
	V	0200-(215	<4		4		8				4	E							1	1	1	
	D		WNW	NNE	NW	NW	SSS	N	W		WNW								NNE	NW	NE	
	V	0215-0230	<4	<4	8	8	<4	<4	8	4	4	<4	<4						20	1	<1	<1

EXPERIMENT NO. 6 (Tracer Emission from 07102217 to 07102247)

[illegible]

TABLE XIX-1 (cont)

EXPERIMENT NO. 6 (cont)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
0045-0100	D(deg) V(mph)	WNW 4	NNE <4			NW 8	ENE 4	NNW 4	ESE <4	WNW 4	SE <4			WNW 12				SW 1	WNW 1	WNW 1	NW
0100-0115	D V	NW 4	E <4		WNW 4	NW 12	ENE 4	NNW 4	N <4	WNW 8	SSE <4			NW 16			ESE 20	SW 3	WNW 16	W 1	NNW
0015-0130	D V	NW 4			NW 4	NW 8	E 4	NW 4	NNW <4	WNW 8	SSE 4			NW 16				WSW 3	NW 12	NNW 1	NW
0130-0145	D V	WNW 4	NNE <4		WNW 4	NW 8	ENE 4	WNW 4	NW 4	WNW 4	SSE <4			NW 12			SW 10	W 2	NW 16	NW 1	NNW
0115-0145	D V									WNW 4	SW <4			NW			SSW 12	W 3	NW 12	NNW 2	NW
0145-0200	D V	NW 4				NW 12	E 4	W 4		WNW 4	WNW <4			NNW 12			ESE 12	WSW 1	NW 12	NW 1	NNW
0200-0215	D V	NW 8	NNE <4		WNW 4	NW 8	E 4	W <4	NNW 4					NNW 12				WSW 1	NW 12	NW 1	NNW
0145-0215	D V									NNW 4											
0215-0230	D V	NW 4	NNE 4		WNW 4	NW 8	NE 4	WNW 4	NNW <4	NW <4	WSW <4			NW 16			ESE 15	SW 1	NW 12	NNW 2	NNW
0230-0245	D V	NW 4			WNW 4	NW 8	ENE 4	ESE <4	NNW <4	E <4	WSW <4			NW 16			ESE 8	W 2	WNW 3	NW 1	NNW
0245-0300	D V	NW 8	NNE 4		WNW 4	NW 8	NE 4	ESE <4	W <4	NW 4	S <4						SE 12	WSW 2	WNW 12	NNW 1	NW

EXPERIMENT NO. 7 (Tracer Emission from 07132201 to 07132231)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2145-2200	D(deg) V(mph)	NW 8			NNE <4	WSW <4	NE 4	NNE 4	NNW 12	WNW 4	NNW 4			NW 8			ENE 8	NNW 4	N 4	W <1	
2200-2215	D V	NW 8			NW <4	WSW <4	S 4	N 4	NNW 8	WSW <4	SSW <4			NNW 12			ENE 8	N <1	WNW 12	NW <1	
2215-2230	D V	WNW 8			WNW <4	WSW <4	W 4	N 4	NNW 8	W 4				NW 4			E 12	NNW 2	WNW 12	WNW <1	
2230-2245	D V	WNW 8			WNW <4	WSW <4	S 4	N 4	NNW 4	WNW 4	W 4			NW 8			E 8	NNW 2	WNW 12	WNW <1	
2245-2300	D V	WNW 4			WNW 4	WSW <4	SSW 4	N 4	N 4	NW 4	NNW 4			WSW 4				NW 1	WNW 16	NW <1	

TABLE XIX-1 (cont)

EXPERIMENT NO. 7 (cont)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2300-2315	D (deg) V (mph)	WNW 4			N <4	WSW <4	S 4	N 8	SW 4	NW 8	NNW <4	NNW <4	NW 8	NW 8				WNW 1	WNW 12	WNW <1	
2315-2330	D V	WNW 8			WNW 4	WSW 4	SSW 4	N 8	N 4	WSW 8	NNW 4	NNW 4	NW 12	NW 12				WNW 2	WNW 12	WNW <1	
2330-2345	D V	WNW 8			WNW 4	WSW 4	SE 4	N 8	N 4	WSW 8	N 4	N 4	NW 12	NW 12				W 2	WNW 16	WNW 1	
2345-0000	D V	WSW 4			WNW 4	WSW 4	<4	N 8	N 4	NW 4	NNW 4	NNW 4	WNW 8	WNW 8				W 1	WNW 16	WNW <1	
2245-0000	D V																				
0000-0015	D V	NW 4			W <4	WSW 4	NNE 4	N 8	N 8	NW 4	N 4	N 4	NW 4	NW 4				NW 1	WNW 12	NNW <1	
0015-0030	D V	NW 4			WNW 4	WSW 4	SSW 4	N 8	NNW 4	NW 4	E 4	E 4	NW 12	NW 12				NW 1	N <4	NNW 1	
0030-0045	D V	NW 4			WSW 4	WSW 4	S 4	N 8	SW 4	NW 8	SSE 4	SSE 4	NW 12	NW 12				W 1	NW 12	NNW 1	
0045-0100	D V	WNW 4			NNE 4	WSW 4	N 4	N 8	WNW 4	WSW 4	SSE 4	SSE 4	NW 8	NW 8				WSW 1	WNW 12	NNW 2	
0100-0115	D V	NW 4			NW 4	WSW 4	W 8	N 8	N 4	WNW 4	SSE 4	SSE 4						SW 1	WNW 12	NNW 1	
0115-0130	D V	NW 4			WNW 4	WSW 4	SSE 8	WNW 4	N 4	W 4			NW 12	NW 12				SW 1	WNW 12	NNW 1	
0130-0145	D V	NW 4			W 4	WSW 4	N 8	WSW 4	N 4	SSW 4	SE 4	SE 4	NW 12	NW 12				SW 1	WNW 12	NNW 1	
0145-0200	D V	NW 4			WNW 4	WSW 4	N 4	SW 4	WNW 4	SSW 4	WSW 4	WSW 4	NW 8	NW 8				W 2	WNW 12	NNW 1	
0200-0215	D V	WNW 8			W 4	WSW 4	NW 6	SSW 4	WSW 4	SSW 8	W 4	W 4	NW 8	NW 8				W 1	WNW 16	WNW 1	
0000-0215	D V																				
0215-0230	D V	WNW 8			SE 4	WSW 4	SW 4	W 4	S 4	SW 4	W 4	W 4	NW 8	NW 8				WSW 1	WNW 12	NNW <1	
0230-0245	D V	NW 1			SE 8	WSW 4	NE 4	NNE 4	S 8	S 4	SSW 4	SSW 4	NW 8	NW 8				WSW 1	SW 16	NNW <1	
0245-0300	D V	NW 8			SE 4	WSW 4	NNE 4	W 4	S 8	SSE 4	SW 4	SW 4	WNW 8	WNW 8				W 1	WNW 16	NNW <1	

TABLE XIX-1 (cont)

EXPERIMENT NO. 8 (cont)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2345-0015	D (deg)	NNE			W	NNW	ENE	N	N	WNW	SSE							WSW	WSW	NNW	NNW
0015-0030	V (mph)	4			4	<4	4	4	4	16	4							8	2	12	1
0030-0045	D	NNE			NW	NNW	ENE	N	N	WNW	SSE							ESE	SW	NNW	NW
0045-0100	V	4			4	<4	4	8	<4	8	4							12	1	12	2
0100-0115	D	NNE			WNW	NNW	ENE	NNE	N	WNW	SSE							ESE	WSW	NNW	NW
0115-0130	V	12			4	<4	4	8	<4	8	4							12	1	12	1
0130-0145	D	NNE			WNW	N	NE	NNE	NW	WNW	S							ESE	WNW	NW	NW
0145-0200	V	4			4	<4	4	<4	<4	12	<4							12	2	16	<1
0200-0215	D	NNE			WNW	N	NE	NNE	NNE	WNW	WSW							SE	E	NW	WNW
0215-0230	V	<4			4	<4	4	<4	<4	4	4							8	1	12	<1
0230-0245	D	WNW			WNW	NNW	ENE	NNE	NNE	SSW	WSW							SSW	SSW	NNW	SSW
0245-0300	V	4			4	<4	4	4	4	4	<4							12	<1	12	<1
0300-0315	D	NNE			WNW	N	ENE	S	S	SSW	WSW							S	NW	NW	SSW
0315-0330	V	10			<4	<4	4	4	4	4	<4							8	1	12	1
0330-0345	D	WNW			WNW	N	NNE	SSW	SSW	<4	SSE							SSE	SSE	SSW	SSW
0345-0400	V	4			4	<4	4	4	4	<4	<4							1	1	12	<1
0400-0415	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
0415-0430	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
0430-0445	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
0445-0460	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
0460-0475	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
0475-0490	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
0490-0505	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
0505-0520	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
0520-0535	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
0535-0550	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
0550-0605	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
0605-0620	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
0620-0635	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
0635-0650	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
0650-0705	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
0705-0720	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
0720-0735	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
0735-0750	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
0750-0805	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
0805-0820	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
0820-0835	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
0835-0850	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
0850-0905	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
0905-0920	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
0920-0935	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
0935-0950	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
0950-1005	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1005-1020	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1020-1035	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1035-1050	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1050-1105	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1105-1120	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1120-1135	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1135-1150	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1150-1205	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1205-1220	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1220-1235	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1235-1250	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1250-1305	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1305-1320	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1320-1335	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1335-1350	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1350-1405	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1405-1420	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1420-1435	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1435-1450	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1450-1505	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1505-1520	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1520-1535	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1535-1550	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1550-1605	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1605-1620	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1620-1635	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1635-1650	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1650-1705	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1705-1720	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1720-1735	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1735-1750	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1750-1805	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1805-1820	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1820-1835	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1835-1850	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1850-1905	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1905-1920	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1920-1935	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
1935-1950	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
1950-2005	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
2005-2020	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
2020-2035	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
2035-2050	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1
2050-2105	D	NNE			WNW	N	ENE	SSW	SSW	<4	<4							1	1	12	<1
2105-2120	V	1			4	<4	4	4	4	<4	<4							1	1	12	<1

TABLE XDX-1 (cont)

EXPERIMENT NO. 9 (Tracer Emission from 07162324 to 07162354)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2315-2330	D (deg) V (mph)	NNE 4	NNE 4	NNE 4	NW 4	WNW 4	WNW 4	N 4	WNW 8	WNW 4	E 4			WNW 16			N 8	SE 3	WNW 8	W 2	
2330-2345	D V	NNE 12	NNE 4	NNE 4	WNW 4	WNW 4	WNW 4	N 12	N 4	NW 12	SE 4			WNW 8			N 24	NW 2	WNW 12	NW 1	
2345-0000	D V	NNE 4	NNE 4	NNE 4	W 8	WNW 4	WNW 4	N 12	WNW 8	WNW 8	SW 4			WNW 8			NNE 16	N 1	WNW 16	NW 1	
0000-0015	D V	NNE 4	NNE 4	NNE 4	W 8	WNW 4	WNW 4	N 8	N 4	WNW 4	SW 4			WNW 12			NNE 16	N 2	WNW 8	NW 1	
0015-0030	D V	NNE 4	NNE 4	NNE 4	WNW 8	WNW 4	WNW 4	N 12	WNW 8	WNW 4				WNW 8			NNE 16	WNW 1	WNW 12	NW 1	
0030-0045	D V	NNE 8	NNE 4	NNE 4	WNW 4	WNW 4	WNW 4	N 8	WNW 4	WNW 4				WNW 8			NNE 16	WSW 1	WNW 8	WNW 2	
0045-0100	D V	NNE 4	NNE 4	NNE 4	NW 12	WNW 4	WNW 4	N 12	WNW 4	WNW 4	NW 4			WNW 12			NNE 12	WNW 1	WNW 8	NE 2	
0100-0115	D V	NNE 12	NNE 4	NNE 4	NW 4	WNW 4	WNW 4	N 8	WNW 12	WNW 4				WNW 8			NNE 16	WNW 1	WNW 8	NW 2	
0115-0130	D V	NNE 4	NNE 4	NNE 4	WNW 4	WNW 4	WNW 4	N 8	WNW 8	WNW 4	S 4			WNW 12			NNE 16	WNW 2	WNW 16	NW 1	
0130-0145	D V	NNE 4	NNE 4	NNE 4	WNW 4	WNW 4	WNW 4	N 8	WNW 4	WNW 4				WNW 12			NNE 16	WNW 2	WNW 8	NW 1	
0145-0200	D V	NNE 4	NNE 4	NNE 4	WNW 4	WNW 4	WNW 4	N 12	WNW 4	WNW 4				WNW 12			NNE 16	WNW 1	WNW 12	NW 1	
0200-0215	D V	WNW 4	WNW 4	NNE 4	WNW 8	WNW 4	WNW 4	N 12	WNW 4	WNW 4	W 4			WNW 12			NNE 12	W 1	WNW 8	NW 1	
0215-0230	D V	WNW 8	WNW 4	NNE 4	WNW 8	WNW 4	WNW 4	N 12	WNW 4	WNW 4	SSW 4			WNW 12			E 16	WNW 1	WNW 12	NW 2	
0230-0245	D V	NNE 4	NNE 4	NNE 4	WNW 6	WNW 4	WNW 4	N 12	WNW 8	WNW 4	SW 4			WNW 12			NNE 16	WNW 1	WNW 8	NW 1	
0245-0300	D V	WNW 8	WNW 4	NNE 4	WNW 4	WNW 4	WNW 4	N 8	WNW 8	WNW 4	WSW 4			WNW 12			ENE 12	WNW 1	WNW 12	NW 2	
0230-0300	D V	NNE 4	NNE 4	NNE 4	WNW 4	WNW 4	WNW 4	N 12	WNW 4	WNW 4	W 4			WNW 12			ENE 12	WNW 1	WNW 8	NW 3	
0300-0315	D V	WNW 4	WNW 4	NNE 4	WNW 8	WNW 4	WNW 4	N 12	WNW 8	WNW 4	WSW 4			WNW 12			NNE 12	WNW 1	WNW 8	NW 3	
0315-0330	D V	NW 4	NW 4	NNE 4	WNW 8	WNW 4	WNW 4	N 12	WNW 4	WNW 4	W 4			WNW 12			NNE 12	WNW 1	WNW 8	NW 4	
0330-0345	D V	NNE 4	NNE 4	NNE 4	WNW 8	WNW 4	WNW 4	N 12	WNW 4	WNW 4	WSW 4			WNW 12			ENE 12	WNW 1	WNW 8	NW 3	
0345-0400	D V	NNE 12	NNE 4	NNE 4	WNW 8	WNW 4	WNW 4	N 12	WNW 4	WNW 4	WSW 4			WNW 12			ENE 12	WNW 1	WNW 8	NW 3	
0300-0400	D																				

TABLE XIX-1 (cont)

EXPERIMENT NO. 10 (Tracer Emission from 07192200 to 07192230)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2145-2200	D (deg)										NW			NW				N		NW	
	V (mph)										16			16				7		<1	
2200-2215	D										NW			NW				NW		NW	
	V										12			12				9		3	
2145-2215	D									NNE											
	V									18											
2215-2230	D									NNE	NW			NW				NW	SW	NW	
	V									14	<4			16				5		1	
2145-2230	D	NNE																			
	V	1																			
2200-2230	D								NNW												
	V								6												
2230-2245	D										NW							NW	NW	NW	
	V										8							5	4	1	
2245-2300	D										NW							NNW	WSW	NW	
	V										16							6	<4	1	
2230-2300	D									NNE											
	V									12											
2300-2315	D										NW							NW	NW	N	
	V										4			16				3		1	
2315-2330	D										NW							NW	NW	NW	
	V										8							3	<4	1	
2300-2330	D									NNE											
	V									10											
2330-2345	D									NNE								NW	NNE	NNW	
	V									14								3	<4	<1	
2345-0000	D										WSW							NNW	NW	NNW	
	V									8	<4							3		<1	
2315-0000	D																				
	V																				
0000-0015	D									NNE	WSW							WSW	NW	WNW	
	V									8	4			16				<1		<1	
2000-0015	D																				
	V																				
0015-0030	D									NNE	NW							NNW	NW	W	
	V									16	4			16				<1		1	
0030-0045	D									NNE								N	NW	NW	
	V									8				12				<1		<1	
0045-0100	D									NNE	N							NW	NW	W	
	V									12	<4			8				<1		<1	
0100-0115	D									NNE	NNW							WSW	NW	WNW	
	V									4	4			12				3		<1	
0115-0130	D									SSW	NW			12				ESE	N	W	
	V									4	<4			12				2		<1	

TABLE XIX-1 (cont)

EXPERIMENT NO. 11 (cont)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Time Interval	Station: Element																				
0145-0200	D (deg)			NNE	SSW	NNW		SW	ESE	S	SSW			ESE			WSW	SW	WNW	NNW	N
	V (mph)			4	4	<4		4	<4	8	<4			4			12	2	12	2	8
0200-0215	D			NNE	SE	NNW		SSW	SSE	SSW	SSE			SW			SW	SW	WNW	NW	N
	V			4	4	<4		<4	4	<4	<4			4			12	2	8	1	8
0215-0230	D			NNE	ESE	NNW		W	S	SSW	SW			SE			W	SSW	W	W	N
	V			<4	4	<4		<4	4	4	<4			4			12	<1	8	<1	8
0230-0245	D			NNE	SE	NNW		ESE	S	SSW	SW			S			WSW	E	WNW	SW	N
	V			4	4	<4		<4	4	4	<4			4			12	1	8	<1	8
0245-0300	D			NNE	WNW	NNW		ESE	S	SSW	SW			SSW				ESE		WNW	
	V			<4	<4	<4		<4	8	<4	<4			4				2	1	1	
0300-0315	D																	NW		NW	
	V																	<1		1	
0315-0330	D																	NW		WNW	
	V																	<1		1	
0330-0345	D																	ESE		NW	
	V																	<1		1	
0345-0400	D			NNE	W	NNW		WNW		ESE	SSE			N			SSW	NNE	E	NW	N
	V			<4	4	<4		<4		4	<4			4			12	<1	<4	1	8

EXPERIMENT NO. 12 (Tracer Emission from 07230015 to 07230045)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
0000-0015	D (deg)			NNE	SSE	N	SSW	SSE	NNW	NNW	NW						ENE	WNW	W	NW	NNE
	V (mph)			4	4	<4	12	4	8	12	4						8	1	8	3	8
0015-0030	D			NNE	WNW	NNE	WNW	SSE	NW	NNE	WSW			WNW			ENE	NNW	WNW	NNW	ESE
	V			<4	4	<4	16	<4	4	16	4			4			12	<1	12	2	4
0030-0045	D			NNE	NNW	NNW	WNW	SE	NNW	NNW	SE			NNW			NNE	N	WNW	WNW	N
	V			4	8	<4	16	4	4	20	<4			4			8	<1	8	2	4
0045-0100	D			NNE	W	NNW	WNW	SE	NNW	NE	NNW			W			ENE	N	WNW	NNW	NNE
	V			4	8	<4	12	4	4	12	<4			4			12	1	8	3	4
0100-0115	D			NNE	WNW	NNE	W	SSE	NNW	ENE	NNE			WNW			NNE	NNE	ENE	NW	NNE
	V			4	8	<4	8	8	<4	12	<4			8			12	<1	<4	3	4
0115-0130	D			NNE	NNE	NNW	WNW	SE	NE	NE	S			WNW			E	ENE	WNW	NW	NNE
	V			<4	4	<4	4	4	<4	<4	<4			8			12	<1	12	2	4

TABLE XIX-1 (cont)

EXPERIMENT NO. 14 (cont)

Time Interval	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Station: Element																			
0130-0000			WNW 4																	
0200-0215	NW 4		WNW 4	WNW <4	N <4	SSE 4		WNW <4		W <4			NW 4				W 15	WNW 12	NW 3	ESE 8
0115-0215																				
0215-0230	WNW 8		WNW 4	WNW 4	NNW <4	WNW 12		NNW 4		W <4			WNW 4				W 4	W 8	NW 3	
0200-0230									RNE 4											ESE 4
0230-0245	WNW 4		WNW 4	WNW <4	NNW <4	WNW 16		N <4	N 4	W <4			W <4			WNW 12	W 3	WNW 12	NW 3	SE 4
0215-0245																				
0245-0300	NW <4		WNW 4	WNW <4	NNW <4	WNW 8		ENE <4	N <4	NNW <4			NW <4				W 2	WNW 12	NW 4	SSE 8
0300-0315	WNW <4		WNW 8	WNW <4	NNW <4	NNE <4		WSW <4		NNW 4			NW <4				W 3	W 4	WNW 4	
0315-0400	NW 3		WNW 7	NNW 2	NNW <3	NNE 4		NNW 3		S 3			NNE 3				W 4	WNW 12	NW 3	
0300-0400									NNW 3											SE 4
0400-0500	WNW 5		WNW 5	W 3	NNW 9	SSE 4		WNW 4		NW 1			N 6			N 8	NNW 5	WNW 12	NW 3	N 2

TABLE XIX-1 (cont)

EXPERIMENT NO. 15 (Tracer Emission from 07310010 to 07310040)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
0000-0015	D (deg) V (mph)	WNW 4		NNE 4		NE <4		NNE 12	NNE 12	NW 4	W <4			WNW 4			NNE 24	W 4			NNE 12
0015-0030	D V	WSW <4		NNE 4	WNW 4		NNE 8			NW 8	WNW <4			WNW 4			NNE 20	W 3			NNE 8
0000-0030	D V																				
0030-0045	D V	WNW <4		N 4	WNW 4		NNE 8	N 8		WNW 12	WSW 4			WNW 4			NNE 24	WNW 3			ESE 8
0015-0045	D V								N 10												
0045-0100	D V	S 4		N 4	WNW 8	WNW <4	NNE 12	N 12	N 8	NW 16	W 8			WNW 8			NNE 20	NW 1			WNW 4
0100-0115	D V	ESE 4		NNE <4	WNW 4	N <4	NNE 12	N 8	N 12	WNW 12	N 4			WNW 8			NNE 20	SE 1	NW 3		NW 4
0115-0130	D V	N <4		N <4	WNW 4	N <4	NNE 12	N 8	N 8	NW 4	W 4			NW <4			NNE 20		N 3		NW 4
0130-0145	D V	N 4		N <4	WNW 8	WNW <4	S 8	NNE 4	N 4	WNW 8	WNW <4			NW <4			NNE 20	NE 1			NW <4
0145-0200	D V	NNE 4		NNE <4	WNW 8	WNW <4	S 8	N 4	N 4	WNW 16	WNW <4			NW 12			NNE 20	E 2			ESE 8
0200-0215	D V	NNE 8		N <4	WNW 4	N <4	SSE 8	N 8	N 4	WNW 8	W 4			NW 8			E 20	NNW 2			NW <4
0215-0230	D V	NNE 4		N <4	WNW 8	WNW <4	SSE 8	N 8	N 4	WNW 16	W 4			WNW 4			E 24	NNW 1			NW <4
0230-0245	D V	N 4		N <4	W 8	N <4	SSE 4	N 8	N 4	WNW 16	W 4			WNW 4			E 24	SE 1			NNW 8
0245-0300	D V	NNW <4		N 4	WNW 8	N <4	SSE 4	N 8	N 4	WNW 16	W 4			WNW 4			NNE 24	E 1			NNW 8
0300-0315	D V	NNE 8		N <4	WNW 4	N <4	SSE 8	N 4	N 4	WNW 16	W 4			WNW 8			NNE 24	E 1			NNW 8
0315-0330	D V	NNE 4		N <4	WNW 8	N <4	SSE 8	N 8	N 4	WNW 16	W 4			NW 8			NNE 24	SSE 1			NNW 8
0330-0345	D V	NNE <4		N 4	WNW 8	WNW <4	SSE 8	N 8	N 4	WNW 16	W 4			WNW 8			NNE 20	SSE 2			NNW 4
0345-0400	D V	NNE 8		N <4	WNW 4	N <4	SSE 8	N 8	N 4	WNW 16	W 4			NW <4			NNE 20	ENE 1			NNW 4
0400-0415	D V	NNE 4		N <4	WNW 4	N <4	SSE 4	N 8	N 4	WNW 16	W 4			WNW 8			E 24	NNW 1			ENE 4
0415-0430	D V	NNE 4		N 8	N <4	N <4	SSE 4	N 8	N 4	WNW 16	W 4			NW 4			E 24	NNW 2			NE 4

TABLE XIX-1 (cont)

EXPERIMENT NO. 16 (Tracer Emission from 08052310 to 08052340)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2300-2315	D (deg)	WNW	WNW	WNW	NW	NNW	NNW	NNW	NNW	NNW	E			WNW	WNW	WNW	E	ESE	WNW	WNW	SE
	V (mph)	4	4	<4	4	<4	4	4	4	4	4	4		<4	<4		12	3	16	1	8
2315-2330	D	NW	NW	WNW	NW	NNW	NNW	NNW	NNW	NNW	WNW	WSW		WNW	WNW	W	NNE	ESE	WNW	W	NNE
	V	4	4	<4	4	4	4	4	4	8	<4	<4		<4	<4		12	5	8	2	4
2330-2345	D	WNW	WNW	WNW	WNW	NNW	NNW	NNW	NNW	NNW	WNW	SSE		WNW	WNW	SW	ESE	N		SW	ENE
	V	4	4	<4	4	4	4	4	4	8	<4	<4		<4	<4		16	5		1	4
2345-0000	D	NW	NW	WNW	WNW	NNW	NNW	NNW	NNW	NNW	WNW	ESE		WNW	WNW	W	E	NNW	WNW	W	SE
	V	4	4	4	4	4	4	4	<4	8	4			4			12	6	16	1	4
2330-0000	D				WNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW									
	V				2		6														
0000-0015	D	NW	NW	WNW	NW	N	NW	N	NNW	NNW	WNW	ENE		WNW	WNW		E	WNW	WNW	ESE	SSE
	V	8	8	<4	WNW	<4	<4	4	4	8	8	<4		<4	<4		8	7	8	1	8
0015-0030	D	NW	NW	WNW	WNW	N	S	N	W	W	WNW	NNW		NW	NW		NNE	W	WNW	N	ESE
	V	4	4	<4	WNW	<4	4	4	<4	8	8	<4		8			16	7	12	1	4
0030-0045	D	NW	NW	WNW	WNW	N	SSE	NNW	WNW	WNW	NNW	NNW		WNW	WNW		NW	W	WNW	NW	SE
	V	4	4	4	4	<4	<4	4	<4	8	4	4		<4	<4		8	6	16	1	4
0045-0100	D	NW	NW	WNW	WNW	N	E	NW	NW	SSW	NNW	NNW		NNW	NNW		NW	WSW	WNW	NW	E
	V	4	4	<4	WNW	<4	<4	4	4	4	4	<4		<4	<4		12	5	8	1	4
0100-0115	D	WNW	WNW	WNW	WNW	N	N	NW	N	SW	NNW	NNW		NW	NW		NW	WSW	WNW	NNW	SSE
	V	4	4	4	8	<4	<4	4	<4	4	4	4		<4	<4		12	5	8	2	8
0115-0130	D	NW	NW	WNW	WNW	N	NW	WNW	WNW	SW	NNW	NNW		NW	NW		E	WSW	WNW	NNW	SSE
	V	4	4	4	4	<4	8	4	<4	4	4	4		<4	<4		12	6	12	2	4
0130-0145	D	NW	NW	WNW	WNW	N	NW	WNW	WNW	W	WNW	WNW		NW	NW		NNE	WSW	WNW	W	SSE
	V	8	8	4	4	<4	8	4	8	4	4	<4		NW	NW		8	6	8	1	4
0145-0200	D	NW	NW	WNW	WNW	N	WNW	WNW	WNW	WNW	WNW	WNW		NW	NW		NNE	W	WNW	W	SSE
	V	4	4	4	4	<4	8	4	4	8	4	<4		<4	<4		4	4	12	1	4
0200-0215	D	W	W	WNW	WNW	N	WNW	WNW	WNW	WNW	WNW	W		NW	NW		NNE	NW	WNW	WNW	NE
	V	4	4	4	4	<4	12	4	<4	8	8	<4		NW	NW		8	4	8	1	4
0215-0230	D	NW	NW	WNW	WNW	N	NW	W	WNW	WNW	WNW	W		NNW	NNW		E	ESE	WNW	NW	SE
	V	8	8	4	4	<4	8	<4	<4	4	4	<4		<4	<4		12	3	8	1	4
0230-0245	D	WNW	WNW	WNW	WNW	N	NW	ESE	NNE	WSW	W	<4		NNW	NNW		SE	E	WNW	WSW	ESE
	V	8	8	<4	4	<4	4	<4	<4	4	<4	<4		<4	<4		12	1	8	1	8
0245-0300	D	WNW	WNW	WNW	WNW	N	NW	ESE	N	WSW	WNW	WNW		NW	NW		ESE	SE	WNW	SE	SE
	V	4	4	<4	4	<4	12	4	<4	4	<4	<4		<4	<4		8	<1	8	1	8
0300-0315	D	NW	NW	WNW	WNW	N	NW	SW	N	WNW	SE	SE		NW	NW		SE	SSE	WNW	SW	SSE
	V	4	4	4	4	<4	8	4	<4	4	<4	<4					12	<1	12	1	8

TABLE XDX-1 (cont)

EXPERIMENT NO. 17 (Tracer Emission from 08072130 to 08072200)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2115-2130	D (deg)	SE	NNE	N	WNW	WNW	N	N	WNW	WNW	NNW	NNW		W			N	N	WNW		NW
	V (mph)	8	8		4	4	12	12	4	2	12	12		<4			24	8	*24		12
2130-2145	D	NNW	NNE	NNW	NW	NW	NE	N	W	NW	NNW	NNW		WNW			NNE	N	W	WNW	NW
	V	8	8		4	4	4	8	8	12	16	16		<4			24	8	*24	2	8
2145-2200	D	WNW	NNE	N	WNW	WNW	SE	N	WNW	NW	NW	NW		NNW			NNE	NNW		NW	NW
	V	4	8		4	4	4	8	12	8	20	20		12			20	10		5	8
2200-2215	D	E	NNE	N	W	W	S	N	NW	NW	NNW	NNW					NNE	NNW	WNW	WNW	NW
	V	4	8		<4	<4	<4	8	8	4	8	8					24	12	*32	3	4
2215-2230	D	NW	NNE				S	N	NNW	NW	NNW	NNW		WNW			N	NNW	WNW	N	NW
	V	8	12				4	12	8	12	8	8		4			24	9	*32	5	4
2230-2245	D	NNW	NNE	NNW	W	W	SSW	N	WNW	WNW	NW	NW		NW			NNE	NW	NNE	NNW	NW
	V	8	8		4	4	4	8	12	12	8	8		8			20	10	*20	3	8
2245-2300	D	NNE	NNE	NNW	WNW	WNW	NW	N	NW	WNW	NNW	NNW		WNW			NNE	NW	WNW	NW	NW
	V	<4	8	8	4	4	4	12	8	8	8	8		<4			20	9	*32	5	4
2300-2315	D	NNE	NNE	NNW	WNW	WNW	WNW	N	WNW	WNW	NW	NW		W			N	NW	WNW	ESE	NW
	V	8	8		4	4	8	8	8	8	8	8		<4			20	11	*32	6	8
2315-2330	D	ESE	N	NNW	WNW	WNW	WNW	N	NNW	NW	NW	NNW		NW			N	NNW	NNE	NW	NW
	V	12	4	12	4	4	8	12	4	8	8	8		16			20	5	*24	3	12
2330-2345	D	NNW	NNE	NNW	WNW	WNW	WNW	N	N	NW	N	N		NW			N	N	WNW	NE	NW
	V	12	8	4	4	4	12	8	4	8	<4	<4		<4			20	6	*32	2	4
2345-0000	D	NNE	NNE	NNW	WNW	WNW	WNW	N	N	NW	N	N		WNW			NNW	NNW	WNW	ESE	NW
	V	12	8	4	4	4	12	8	4	8	<4	<4		<4			12	6	*32	3	4
0000-0015	D	NNE	NNE	NNW	WNW	WNW	WNW	N	N	NW	N	N		NW			WNW	WNW	WNW	NE	NW
	V	4	8	<4	4	4	8	4	8	8	<4	<4		<4			8	3	*24	2	4
0015-0030	D	NNE	NNE	NNW	WNW	WNW	WNW	N	N	NW	NW	NNW		WNW			WSW	NW	WNW	NE	NW
	V	4	8	4	8	8	12	4	8	4	<4	<4		<4			8	3	*40	2	4
0030-0045	D	NNE	NNE	NNW	WNW	WNW	WNW	NW	N	NW	NNW	NNW		W			WNW	WNW	WNW	NW	WNW
	V	4	8	<4	8	8	12	4	4	8	4	4		4			8	1	*40	2	<4
0045-0100	D	N	NNE	NNW	NW	NW	S	WNW	N	N	WNW	NNW		W			SW	<1	*36	1	4
	V	8	8	<4	8	8	<4	4	4	<4	4	4		<4			8				
0100-0115	D	NW	NNE	NNW	WNW	WNW	SSE	WNW	NNW	NNW	NNW	NNW		NNW			SW	1	*48	2	4
	V	8	8	8	8	8	<4	<4	4	8	<4	<4		4			12	1		2	4
0115-0130	D	N	NNE	NNW	NNW	NNW	SSE	S	N	NNW	NNW	NNW		WNW			NW		WNW	SE	NW
	V	8	8	8	4	4	8	<4	4	4	<4	<4		<4			12	1	*28	2	4
0130-0145	D	N	NNW	NNW	NW	NW	S	ESE	WNW	WNW	NNW	NNW		W			SSW	WNW	NNE	SE	NW
	V	12	8	8	8	8	8	<4	4	4	4	4		<4			<4	1	*24	2	12

* Accuracy questionable

TABLE XIX-1 (cont)

EXPERIMENT NO. 17 (cont)																					
Time Interval	Station:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Element																				
0115-0145	D (deg)			NNW																	
	V (mph)			8																	
0145-0200	D	NNE	NW	NNW	NW		SSE	S	WNW	WNW	NNE			WNW			SSW		NNW	SE	NW
	V	8	8	4	4		4	<4	4	8	4			<4			12	3	*32	2	8
0200-0215	D	NNE	NW	NNW	NNE		NNE	WSW	WNW	WNW	NNW			W			W		NW	SE	NW
	V	4	8	4	4		4	<4	<4	8	8			<4			4	3	*24	3	4
0215-0230	D	NNE	N	NNW	NW		SSE	SSW	WNW	NW	NNW			WNW			NW	<1	NNE	SE	NNW
	V	12	4	<4	4		4	4	<4	4	12			<4			8		*16	2	8
0230-0245	D	NNE	NNE	NNW	NNW		SSE	SSW						WNW			NNE			SE	
	V	4	4	<4	4		4	<4						<4			4	<1		3	
0245-0300	D	NNE	N	NNW	NNW		SSE	S	WSW	WNW	NNW			NW			SW	<1	N	NE	SE
	V	8	<4	4	4		4	<4	4	8	4			<4			8		*24	2	8
0300-0315	D	NNE	N	NNW	NNW		SSE	SSE	WSW	WNW	NNW			W			SW		NNE	SW	SSE
	V	4	4	8	8		4	<4	4	4	4			<4			12	1	*24	1	8
0245-0315	D			NNW																	
0315-0330	D	NNE	N	NNW	NW		SSE	WSW	W	WNW	N			WNW			SW		N	E	SE
	V	4	4	<4	4		4	<4	8	4	<4			<4			12	1	*28	3	4

* Accuracy questionable

EXPERIMENT NO. 18 (Tracer Emission from 08092145 to 08092215)

		EXPERIMENT NO. 18 (Tracer Emission from 08092145 to 08092215)																			
Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2130-2145	D (deg)																				
	V (mph)																				
2145-2200	D	NNE	SE																		
	V	8	<4																		
2130-2200	D	NNE	NNE																		
	V	8	<4																		
2200-2215	D	NNE	E																		
	V	4	<4																		
2215-2230	D	NNE	S																		
	V	<4	<4																		
2230-2245	D	NNE	WSW																		
	V	12	<4																		
2245-2300	D	NNE	NW																		
	V	12	16																		

TABLE XIX-1 (cont)

EXPERIMENT NO. 18 (cont)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2300-2315	D (deg)	NNE 4	WNW 4	WSW <4	NW 4		SSE <4	N 8	N 8	WNW 4	WSW <4			WNW <4			NNE 16	SW 1		NNE 3	WNW 4
2315-2330	V (mph)	NNE 4	WNW <4	WSW 4	NW 8			N 8	N 8	WNW 4	W <4			NW <4			NNE 12	WSW 1		NE 3	WNW 4
2330-2345	D	NNE 4	WNW 8	WSW 4	WNW 4			N 4	N 8	WNW 4	S <4			WNW <4			NNE 8	WSW 3		NNW 2	SE 4
2315-2345	D						SSE 4														
2345-0000	V	NNE 4		WSW <4	WNW <4		WNW 8	N 4	N 8	WNW <4	SSW <4			WNW <4			E 8	NNW 3		E 1	WNW 4
0000-0015	D	NNE <4		WSW <4	WNW <4		SSE 4	N 8	N 4	NW 4	W 12			NW <4			SSW 8	ESE 3		E 1	
2345-0015	V		SW 8																		SSE 4
0015-0030	D	NNE 4	W 8	WSW <4	WNW <4		SSE 4	N 8	N 4	WNW <4	NW <4			WNW <4			SSW 8	WSW 2		NNW 1	WNW 8
0030-0045	V	NNE 4	SSW 4	WSW <4	NW <4		SSE 4	N 4	N 4	WSW 4	SSW <4			WSW <4			NW 8	NNW 2		SSE 1	SE 4
0015-0045	D																				
0045-0100	V	NNE <4	SSW <4	WSW <4	WNW <4		SSE 4	N 4	NNW <4	NW 4	NNW <4						W 4	WNW 2		NNW 1	WNW 4
0100-0115	D	ENE 4	S-W <4	WSW <4	WNW <4		WNW 4	WSW 4	NNW 4	NW 4	NW 4			N 12			W 8	SW 1		ESE 1	SE 4
0115-0130	V	NNE 4	SSW 4	WSW 4	NNE <4		NW 8	WNW 4	SW 4	NW <4	WSW <4						WNW 8	SW <1		SW 2	NNE 4
0130-0145	D	NNE 4	SSW <4	WSW <4	NW 4		WNW 12	W 8	SW 4	NW 4	W <4			W <4			S 8	SSW <1		SW 3	SE 4
0115-0145	V																				
0145-0200	D	NNE 8	SSW <4	WSW <4	WNW <4		WNW 16	W 4	N 4	NW 4	W <4			WNW <4			SW 12	SW 2		WSW 1	NNE 12
0200-0215	V	NNE 4	SSE 4	WSW <4	NNE <4		WNW 12	W 4	N 4	WSW 4	NNW <4			WSW <4			SSW 12	SW <1		SW 1	SE 4
0215-0230	D	NNE 12	SE 4	NW 4	WNW 4		SE 4	W 4	NNW 4	N 4	W <4			NW <4			SW 8	E 1		S 2	ESE 4

TABLE XIX-1 (cont)

EXPERIMENT NO. 18 (cont)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
0200-0245	D (deg) V (mph)	NNE 8	SE 4	NW <4	WNW 8		SSE 8	W 4	WNW <4	SSW 4	W 4			W <4			SW 12	ESE <1		SSW 2	SE 8
0245-0300	D V	NNE 8	SE 4	NW <4	W 4		SSE 4	W 4	SW <4	SSW 8	NNW 4			WSW <4			WSW 12	WSW 1	S 3	SE 4	SE 4
0300-0315	D V	NNE 12	SE 4	NW <4	SE 8		SSE 8	SW 4	S 8	SSW 4	W 4			NW 8			WSW 12	SSW <1	SE 2	SE 4	SE 4
0315-0330	D V	NNE 12	SE 4	NW <4	SSE 4		SSE 8	SW 4	SW 8	SSW 4	W 4			WNW <4			SW 8	W 1	SE 3	SE 8	SE 4
0330-0345	D V	NNE 4	ENE 4	WNW 4	NNE 4		SE 8	S 4	SW 4	SSW 4	WSW 4			NW 8			W 8	SSW 4	E 2	SE 2	SE 4
0345-0400	D V	NNE 4	ENE 8	WNW 4	NNE 4		SE 4	SE 4	SE 4	SSW 4	SSE 4			WNW <4			SE 4	SSW 2			

EXPERIMENT NO. 19 (Tracer Emission from 08112145 to 08112215)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2130-2145	D (deg) V (mph)	NNE 8	WNW 4	NW 4	WSW 8	N 12	WNW 8	WNW 16	SSW 8	NW 12	NNW 12			WNW 4			NNW 4	WNW 9	WNW 4	WNW 8	NW 24
2145-2200	D V	NW <4	NW <4	NW <4	WSW 8	NW 24	S 8	WNW 4	WNW 8	WNW 16	NW 16			WNW 4			WSW 4	WNW 13	NNE 12	WNW 10	NW 12
2200-2215	D V	NW 4	NW 4	NW 24	WSW 8	N 8	WNW 8	WNW 12	WNW 12	NW 12	NW 12			WNW <4			N 4	WNW 15	W 15	NW 15	NW 15
2215-2230	D V	NW 8	NW 4	NW 16	NW 4	NNE 8	NW 8	WNW 12	WNW 16	NW 12	NNW 4			WNW <4			N 4	WNW 9	WNW 4	WNW 9	NW 16
2230-2245	D V	WNW 8	WNW 4	WNW 16	WNW 4	NW 8	NW 8	WNW 12	WNW 16	WNW 16	WNW 16			WNW <4			N 4	WNW 7	WNW 4	WNW 10	NW 8
2245-2300	D V	WNW 8	WNW 4	WNW 16	WNW 8	NW 16	WNW 4	WNW 12	WNW 4	WNW 8	WNW 12			WNW 4			N 4	WNW 12	WNW 24	WNW 5	NW 12
2300-2315	D V	WNW 8	WNW 4	WNW 8	WNW 16	NW 4	WNW 8	WNW 12	WNW 4	WNW 8	WNW 12			WNW 4			N 24	WNW 11	WNW 12	WNW 6	NW 12
2315-2330	D V	WNW 8	WNW 8	WNW 24	WNW 12	NW 4	WNW 8	WNW 12	WNW 12	WNW 8	WNW 16			WNW 4			NW 24	WNW W	WNW 4	WNW 8	NW 4
2330-2345	D V	WNW 8	WNW 4	WNW 16	WNW 8	NW 12	WNW 12	WNW 8	WNW 16	WNW 4	WNW 12			WNW 4			WNW 24	WNW 12	WNW 12	WNW 8	NW 16
2345-0000	D V	WNW 8	WNW 4	WNW 12	WNW 4	NW 12	WNW 8	WNW 8	WNW 8	WNW 8	WNW 16			WNW 4			NW 4	WNW 7	WNW 8	WNW 5	NW 16

TABLE XIX-1 (cont)

EXPERIMENT NO. 19 (cont)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
0000-0015	D(deg)	W	W	WNW	N	NW	WNW	NW	WNW	SW	NNW			WNW			NW	W	NNE	WNW	WNW
	V(mph)	8	4	4	8	12	12	4	4	8	4	4		<4			4	5	12	5	8
0015-0030	D	WNW	NW	NW	NNE	W		NW	WSW	SW	NW			NW			WNW	W	WNW	W	NW
	V	8	4	16	8	12		<4	4	8	<4			4			16	4	16	3	8
0030-0045	D																	W	3	3	WNW
	V																	1	3	3	WNW
0045-0100	D																	<1		2	
	V																	SSSE	WNW	NW	NW
0100-0115	D	WNW	<4	8	4	12	8	4	4	8	8			WNW			4	1	SSW	WNW	3
	V	8	WNW	NW	N	NW	NW	S	N	WSW	NNW			WNW			16	3	WNW	NNW	WSW
0115-0130	D	WNW	NW	16	<4	8	4	4	8	12	4			<4			16	3	16	3	8
	V	8	WNW	WNW	NNE	NW	SSE	W	N	NW	NNW			WNW			NNE	SW	NNE	NW	NW
0130-0145	D	WNW	NW	4	<4	4	<4	4	8	8	4			16			16	3	12	2	12
	V	8	4	4	<4	4	<4	4	4	8	4			WNW			N	W	WNW	SE	NW
0145-0200	D	N	NW	NW	WSW	N	SSE	N	N	NW	NW			WNW			16	5	24	2	8
	V	4	<4	12	<4	4	4	<4	4	12	8			4			16	5			

EXPERIMENT NO. 20 (Tracer Emission from 08140021 to 08140051)

0015-0030	D(deg)	N	NNE	W	NW	WSW	ESE	SSE	WNW	WNW	NW			WSW			NE	ESE	NNE	N	E
	V(mph)	<4	4	4	4	12	<4	<4	4	8	4			<4			12	1	4	4	4
0030-0045	D	NNE	E	NNE	NE	W	NNE	WSW		WNW	NNW			NW			SSE	SW	WNW	SSW	
	V	12	<4	16	<4	8	<4	<4		8	4			<4			12	<1	4	3	
0045-0100	D	NNE		WSW	SW	NNE	NNE	W	WNW	WNW	NNW			WSW			SE	NW	WNW	SSW	SSE
	V	<4		16	<4	4	4	<4	4	8	<4			<4			12	<1	8	1	12
0100-0115	D	NW	E	NNE	NW		ESE	SW	W	WNW	NNW			NW			SW	N	NNE	W	SE
	V	<4	<4	8	4		<4	<4	<4	4	<4			<4			8	<1	4	2	4
0115-0130	D	NW	E	NNE	WNW		SE	W	S	SW	NW			NW			SSW	NNW	W	NE	
	V	<4	<4	8	4		<4	<4	8	4	<4			<4			8	<1	<4	1	
0100-0130	D					SW				2											
	V					2				2											
0130-0145	D	WSW	E		WNW	SW		W	S	SE	SSW			WSW			WSW	1	WNW	WSW	ENE
	V	4	<4		4	4		<4	8	8	<4			<4			16	1	<4	1	12
0145-0200	D	WSW	E		WNW	SSW		W	SSSE	S								WSW		W	
	V	4	<4		<4	8		<4	8	8								1		1	

TABLE XIX-1 (cont)

EXPERIMENT NO. 20 (cont)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
0130-0200	D (deg) V (mph)	NW 4	E 4	NNE 4	SW <4	SSW <4	SE 2	WSW <4	N 4	S 8	WNW <4			NW <4			WSW 16	W <1	WSW <4	NNW 1	
0200-0215	D V	NW <4	NNE <4	NNE 16	SSE 4	WNW <4	SE <4	SW <4	N 4	S 8	NNW 4			NW <4			SW 16	ESE <1	WSW <4	W 2	SSE 12
0215-0230	D V	NW <4	SSE <4	NNE <4	SSW <4	WSW <4	SE <4	SW <4	S 8	SSW <4	WSW <4			SSE 4			SW 8	SSW <1	NW <4	WNW 1	SE 8
0230-0245	D V	SSW 4	NNE 4	SSW 4	SE <4	SW <4	SE <4	SW <4	SSW 4	WSW 4	ESE 4			SSW <4			SW 12	SSE 1	NNE 4	ESE 1	NNE 8
0245-0300	D V	NW 4	NNE 4	NNE 4	S <4	SW <4	SE <4	SW <4	S 4	W 4	NNW 4			WSW 4			SSE 4	SSE 1	NNE 4	E 1	ENE 12
0300-0315	D V	NW 4	N 4	NNE 4	SW <4	SW <4	SE <4	SW <4	S 4	WNW 4	SSE 4			SSE 4			SW 4	SE 1	NNE 4	ESE 2	NE 12
0315-0330	D V	NW <4	<4	NNE <4	WSW <4	SW <4	E 4	NNE 4	S 4	N 4	SSE 4			WSW <4			16	SE <1	NNE <4	WSW 2	4
0330-0345	D V	NNE 4	<4	NNE <4	W <4	SW <4	E 4	W 4	S 4	WSW <4	NNW 4			NNE 4			SW 16	E 2	NNE 4	SE 1	E 4
0345-0400	D V	E 4	SE <2	NNE 4	W <4	SW <4	SE 4	W 4	S 4	WSW <4	NNW 4			NNE 4							
0330-0400	D V	NNE 4	NNE <4	NNE <4	WSW <4	SSW 4	SE 4	WSW <4	SSE 4	WSW 4	W 4			E 4				ESE 8	NNE 4	W 1	NNE <4
0400-0415	D V	NNE 4	E 4	NNE 4	WSW <4	SW <4	SE 4	WSW <4	S 4	NNE <4	SSW 4			NE 4			NNE 4	SE 2		NE 1	
0415-0430	D V	NNE 4	<4	NNE 4	W <4	SW <4	SE 6	WSW <4	S 4	NNE <4	SSW 4			<4							
0400-0430	D V	NNE 12		NNE 2	W <4	SW 4		WSW <4	SSW 4	WSW <4	SSE 4			NNE 12				S 1	S 4	WNW 2	SE 8
0430-0445	D V			NNE 2	W <4	WNW 4	SE 4	W <4	SSW 4	NNE <4	SSE 4			WSW 4				ESE 1		NNW 1	SSE 4
0415-0445	D V	E 4		NNE <4	WNW 4	SW 4	SE 4	W <4	SSW 4	NNE <4	SSE 4			WSW 4						NNW 1	SSE 4
0445-0500	D V		E 4	NNE <4	WNW 4	SW 4	SE 4	W <4	SSW 4	NNE <4	SSE 4			WSW 4						NNW 1	SSE 4
0430-0500	D V		E 4	NNE <4	WNW 4	SW 4	SE 4	W <4	SSW 4	NNE <4	SSE 4			WSW 4						NNW 1	SSE 4

TABLE XIX-1 (cont)

EXPERIMENT NO. 21 (Tracer Emission from 08142108 to 08142138)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2100-2200	D (deg) V (mph)	WNW 4	WNW 4	NNE 8	NNW 6	NNW 11	SW 1	SSE 6	SSE 6	SW 13	SW 3			WNW <1	WNW 21	WSW 3	SE 8	SE <1	WSW 21	WSW 3	WSW 4
2200-2215	D V	WNW <4	WNW <4	N 3	WNW 4	NNW 12	NNE <4	SSE <4	WSW 8	NNE 8	ESE 8			W 4	WNW 4	WNW 16	NW 16	WSW <1	NNW 1	NNW 1	NNE 4
2215-2230	D V	WNW <4	WNW <4	NNE 8	WNW 4	NNW 16	NNE <4	WSW 4	W 4	SSW 12	NE 12			WNW 4	NNE 16	WNW 12	NNE 12	WNW 3	NNE 16	SE 3	NNW 4
2230-2245	D V	WNW 4	WNW 4	NNE <4	NNW 4	NNW 8	SSE <4	WNW <4	W 4	NNW 16	NNW 8			WNW <4	WNW 4	WNW 16	E 16	WNW 4	WNW 28	WNW 1	NNW 8
2245-2300	D V	WNW 4	WNW 4	NNE 4	NNW 4	NNW 8	SSE 4	W 8	N 8	NNW 24	NNW 8			WNW 4	WNW 12	WNW 16	E 16	W 4	WNW 12	WNW 1	NNW 1
2300-2315	D V	WNW <4	WNW <4	NNE 12	NNW 4	NNW 16	SSE <4	W 8	NNW 8	NNW 20	NNW 16			WNW 4	WNW 16	WNW 16	E 16	WNW <1	WNW 16	WNW 1	NNW 8
2245-2315	D V	WNW 4	WNW 4	NNE 4	NNW 4	NNW 8	SSE <4	W 8	N 4	NNW 28	NNW 8			WNW 16	WNW 24	WNW 1	E 16	W 1	WNW 24	WNW 1	NNW 8
2315-2330	D V	WNW <4	WNW <4	NNE 4	NNW 4	NNW 8	E <4	W 4	N 4	NNW 20	NNW 4			WNW <4	WNW 16	WNW 1	ESE 20	NNE 3	WNW 16	WNW 1	NNW 8
2330-2345	D V	WNW <4	WNW <4	NNE 8	NNW 4	NNW 12	E <4	W 4	N 4	NNW 28	NNW 12			WNW <4	WNW 16	WNW 1	16	N 3	WNW 16	WNW 1	NNW 20
2345-0000	D V	WNW 4	WNW 4	NNE 8	NNW 8	NNW 8	SSE <4	W 8	N 8	NNW 28	NNW 8			WNW <4	WNW 16	WNW 1	E 16	WNW 3	WNW 24	WNW 1	NNW 8
0000-0015	D V	WNW 4	WNW 4	NNE 8	NNW 8	NNW 8	E <4	W 8	N 8	NNW 28	NNW 8			WNW <4	WNW 16	WNW 1	NNE 16	NNE 3	WNW 24	WNW 1	NNW 8
0015-0030	D V	N 4	N 4	NNE <4	NNW 4	NNW 8	W 4	W 4	N 4	NNW 28	NNW 12			WNW 8	WNW 12	WNW 12	NNE 20	NNE 5	WNW 12	WNW 2	NNW 8
0030-0045	D V	N 4	N 4	NNE <4	NNW 4	NNW 8	W 4	W 4	N 4	NNW 28	NNW 12			WNW 8	WNW 12	WNW 12	NNE 16	NNE 4	WNW 8	WNW 2	NNW 16
0045-0100	D V	N 4	N 4	NNE <4	NNW 4	NNW 8	W 4	W 4	N 4	NNW 28	NNW 12			WNW 8	WNW 12	WNW 12	NNE 16	NNE 2	WNW 24	WNW 2	NNW 8
0030-0100	D V	N 4	N 4	NNE <4	NNW 4	NNW 8	W 4	W 4	N 4	NNW 28	NNW 12			WNW 8	WNW 12	WNW 12	NNE 16	NNE 2	WNW 24	WNW 2	NNW 8
0100-0115	D V	N 4	N 4	NNE <4	NNW 4	NNW 8	W 4	W 4	N 4	NNW 28	NNW 12			WNW 8	WNW 12	WNW 12	NNE 16	NNE 2	WNW 24	WNW 2	NNW 8
0015-0130	D V	N 4	N 4	NNE <4	NNW 4	NNW 8	W 4	W 4	N 4	NNW 28	NNW 12			WNW 8	WNW 12	WNW 12	NNE 16	NNE 2	WNW 24	WNW 2	NNW 8
0130-0145	D V	N 4	N 4	NNE <4	NNW 4	NNW 8	W 4	W 4	N 4	NNW 28	NNW 12			WNW 8	WNW 12	WNW 12	NNE 16	NNE 2	WNW 24	WNW 2	NNW 8
0145-0200	D V	N 4	N 4	NNE <4	NNW 4	NNW 8	W 4	W 4	N 4	NNW 28	NNW 12			WNW 8	WNW 12	WNW 12	NNE 16	NNE 2	WNW 24	WNW 2	NNW 8

TABLE XIX-1 (cont)

EXPERIMENT NO. 21 (cont)

Time Interval	Station:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Element																					
D (deg)																					
V (mph)																					
0130-0200	D	WNW	WNW	NNE	WNW	WNW	SSE		NW	NNW	NNW			NW			N	SW	W	E	NW
	V	<4	<4	12	4	12	8		12	12	8			12			12	1	16	2	16
0200-0215	D	WNW	WNW	NNE	WNW	WNW	SE		NNW	NNW	N			NW			NNE	SW	WNW	E	NW
	V	<4	<4	4	4	12	<4		8	8	12			12			12	2	3	3	12
0215-0230	D	WNW	WNW	NNE	WNW	WNW	SSE			WNW	NW			WNW			ESE	WSW	W	E	NNW
	V	<4	<4	12	8	8	<4			8	16			<4			12	4		3	12
0230-0215	D	NW	NW	NNE	WNW	NNW	S		N	WNW	NW			NW			SW	WSW	NNE	SSW	NW
	V	8		20	4	20	4		12	<4	12			<4			12	4		3	20

EXPERIMENT NO. 22 (Tracer Emission from 08172050 to 08172120)

Time Interval	Station:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Element																					
D (deg)																					
V (mph)																					
2045-2100	D	WNW	WNW	WNW	WNW	WNW		N	NNW	WNW	NNW			NW			E	NNW	WNW	WNW	NW
	V	4	4	12	4			4	8	28	4			16			16	8	28	<1	20
2100-2115	D	WNW	WNW	WNW	WNW	WNW		N	NW	WNW	NNW			NW			NNE	NNW	WNW	WNW	NW
	V	<4	<4	12	4	12	WSW	4	8	32	4			<4			20	6	16	<1	28
2045-2115	D	WNW	WNW	WNW	WNW	WNW		N	NW	NW	NNW			NW				NNE	NNE	W	NW
	V	<4	<4		8	8		4	12	32	16			16				2	16	<1	8
2115-2130	D	WNW	WNW	NNE	NW	NNW		N	NNW	NW				WNW			NNE	N	WNW	WNW	NW
	V	<4	<4		8	8		8	12	36				4				1	20	<1	8
2130-2145	D	WNW	WNW	NNE	WNW	NNW	SSE	2													
	V	<4	<4		8	8		8	8	12											
2115-2145	D	WNW	WNW	NNE	WNW	NW		N	NW	NW				NW			NNE	N	WNW	NNE	NW
	V	<4	<4		8	8		8	8	12				<4			20	1	24	<1	16
2145-2200	D	WNW	WNW	NNE	WNW	NNW		N	NW	NNW	NNW			NW							
	V	4	4		8	8		8	8	16	12			4			E	NNW	NNE	N	NW
2200-2215	D	WNW	WNW	W	WNW	NNW		N	N	WNW	NNW			NW				3	16	<1	4
	V	4	4		8	8		8	8	16	12			4							
2145-2215	D	WNW	WNW	WNW	WNW	NNW		N	NW	NNW	NNW			NW			N	NW	NNW	NNW	NW
	V	<4	<4		8	12		4			4			20			16	4	32	<1	12
2215-2230	D	WNW	WNW	W	WNW	NNW		N	NNW	NNW	NNW			NW			NNE	NW	WNW	NW	NW
	V	<4	<4		12	12		4	4	12	4			16			16	3	16	<1	20

TABLE XIX-1 (cont)

EXPERIMENT NO. 23 (cont)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
0045-0100	D (deg)	WNW	WNW	NNE	NW	NW	WSW	WNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
	V (mph)	4	<4	<4	4	12	<4	<4	8	12	12	12	16	16	16	16	16	16	16	16	16
0100-0115	D	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW
	V	<4	<4	<4	4	8	<4	<4	8	8	<4	<4	<4	16	<4	<4	8	1	16	2	8
0045-0115	D									WNW											
	V									12											
0115-0130	D	WNW	WNW	NNE	WNW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW
	V	4	<4	<4	<4	8	<4	<4	8	4	4	4	20	20	20	20	16	2	28	1	8

EXPERIMENT NO. 24 (Tracer Emission from 08250002 to 08250032)

0000-0015	D (deg)	NNW	NW	NW	SW	SW	WSW	WSW	NNE	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
	V (mph)	<4	20	WNW	12	12	<4	<4	4	<4	<4	<4	4	4	4	4	4	4	4	4	4
0015-0030	D	NW	WNW	WNW	NW	NW	WSW	WSW	SW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
	V	<4	8	8	<4	<4	<4	<4	4	12	12	12	4	4	4	4	4	4	4	4	4
0030-0045	D	NW	NNE	WNW	NW	NW	WNW	WNW	W	NNE	NNE	NNE	NW	NW	NW	NW	NW	NW	NW	NW	NW
	V	<4	16	16	<4	<4	<4	<4	8	8	8	8	<4	<4	<4	<4	12	<1	2	2	2
0015-0045	D																				
	V																				
0045-0100	D	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW
	V	<4	<4	<4	<4	<4	<4	<4	8	8	8	8	<4	<4	<4	<4	16	<1	16	3	12
0100-0115	D	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	W
	V	<4	<4	<4	<4	<4	<4	<4	4	4	4	4	4	4	4	4	12	<1	12	3	12
0045-0115	D																				
	V																				
0115-0130	D	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
	V	<4	16	16	<4	<4	<4	<4	4	4	4	4	4	4	4	4	12	<1	12	3	12
0130-0145	D	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
	V	<4	6	6	<4	<4	<4	<4	4	4	4	4	4	4	4	4	12	<1	12	3	12
0115-0145	D																				
	V																				
0145-0200	D	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
	V	<4	8	8	<4	<4	<4	<4	4	4	4	4	4	4	4	4	12	<1	12	3	12
0200-0215	D	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
	V	<4	4	4	<4	<4	<4	<4	4	4	4	4	4	4	4	4	12	<1	12	3	12
0215-0230	D	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
	V	<4	8	8	<4	<4	<4	<4	4	4	4	4	4	4	4	4	12	<1	12	3	12

TABLE XIX-1 (cont)

EXPERIMENT NO. 25 (Tracer Emission from 08252208 to 08252238)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2200-2215	D (deg)	NNW	N	NW	N	NW	SW	NW	NNW	NW	NNW	NNW		NW			NNE	W	WNW	NNW	
	V (mph)	12	16	36	8	24	<4	12	12	28	28	28		16			24	4	24	11	
2215-2230	D	NNW	NW		N	NW	SSW	NNW	N	NNE	NNW	NNW		NW			NNE	WNW	NNW	NNW	
	V	20	16		8	12	4	8	4		32			20			20	3	12	9	
2230-2245	D	NNW	N		N	SSW		N	NNW	NNE	NNW	NNW		WNW			NNE	WNW	NNW	NNW	
	V	20	24		8	12		4	4		16			12			20	3	28	9	
2215-2245	D			NNE																	
	V			28																	
2245-2300	D	NNW	NNE	NW	N	NW		NNW	NW		NNW	NNW		NW			NNE	NW	NNW	NNW	
	V	20	16	16	12	12		8	4		24			24			20	3	24	6	
2230-2300	D						SW														
	V						2														
2300-2315	D	NNW	NNE	NNE	N	NW	WSW	WNW	WNW		NNW	NNW		NNW			NNW	WNW	NNW	NNW	
	V	12	16		16	12	<4	12	8		32			20			20	3	28	8	
2245-2315	D									WNW											
	V									20											
2315-2330	D	N	NNE	NNE	N	NNE	W	WNW	NW	NW	NNE	NNE		N			NNW	WNW	WNW	W	
	V	8	16		12	16	<4	8	16		12			24			24	3	WNW	5	
2300-2330	D													N							
	V													24							
2330-2345	D	NNE	N	NW	NNE	NNE	WSW	WNW	NW	NW	NNW	NNW		NNW			NNW	WNW	NNW	W	
	V	4	16	28	4		<4	8	16		20			N			24	5	24	7	
2345-0000	D	N	NNW	NNE	N	NW		WNW	NW	NW	NNW	NNW		N			N	WNW	NNW	NNW	
	V	<4	4	32	12	28		8	12	28	24			N			24	6	20	13	
0000-0015	D	NNW	NNW	NNE	NW	NW		W	NNW	NW	NNW	NNW		NNW			NNE	WNW	NNW	NNW	
	V	8	4	40	12	16		8	12	36	12			24			24	4	28	13	
2345-0015	D						SSW														
	V						2														
0015-0030	D	WNW	WNW	NNW	NNW	NW	WSW	W	NNW	WNW	NNW	NNW		N			N	WNW	WNW	NNW	
	V	4	4	28	8	4	<4	8	8	24	32			24			24	5	8	11	
0030-0045	D	WNW	WSW	NNE	NNW	NW	W	WNW	W	WNW	NW	NNW		NNE			NNE	WNW	NNE	NNW	
	V	4	4	8	4	4	<4	4	4	24	16			16			16	3	8	7	
0045-0100	D	NW	W	NNW	NW	NW	W	WNW	NW	NNE	NNW	NNW		WNW			WNW	WNW	WNW	W	
	V	8	4	<4	4	8	8	<4	8	12	8			12			12	2	16	3	
0030-0100	D													WNW							
	V													4							

TABLE XIX-1 (cont)

EXPERIMENT NO. 26 (cont)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2230-2245	D (deg) V (mph)	N 12	NNE 12	NNE 28	WNW <4	NW 8	N <4	NNE 4	NW 8	WNW 32	NW 8	NW 8	NW 8	NW 8	NW 8	NW 8	N 24	SSW 1	WNW 24	W 5	W 4
2245-2300	D V	N 12	N 12	N 12	N 12	NW 8	N 12	N 12	NW 8	WNW 8	NW 8	NW 8	NW 8	NW 8	NW 8	NW 8	N 24	W 3	WNW 24	W 4	NW 8
2300-2315	D V	NW 8	N 24	WSW 20	N 12	NW 12	SW 12	NNE 4	NW 8	WNW 12	NW 12	NW 12	NW 12	NW 12	NW 12	NW 12	N 20	4	WNW 8	W 4	NW 8
2315-2330	D V	WNW 4	WNW 4	NNE 12	NNE 12	NW 8	SSE 4	N 4	NW 4	N 8	NW 20	NW 20	NW 12	NW 12	NW 12	NW 20	N 20	3	NNE 20	W 3	N 8
2330-2345	D V	W 4	WNW 4	NNE 20	WNW 4	NW 12	W 8	N 4	NW 8	N 4	NW 4	NW 4	NW 8	NW 8	NW 8	NW 8	NW 20	2	WNW 2	W 2	NNE 8
2345-0000	D V	WNW 4	WNW 4		WNW 4	NW 12	WNW 8	N 4		N 12	NW 4	NW 4	NW 8	NW 8	NW 8	NW 8	NW 16	2	WNW 2	W 2	NNE 8
2330-0000	D V	WNW 4	WNW 4		WNW 4	NW 12	W 8	NNE 4		NW 12	NW 16	NW 16	NW 12	NW 12	NW 12	NW 12	N 20	NW 3	WNW 32	NNE 2	NNE 8
0000-0015	D V	WNW 4	WNW 4		WNW 4	NW 12			NW 8												
2345-0015	D V	NW 4	WNW 4	NNE 8	NW 4	NW 12		N 4	NW 8	NW 16	NW 16	NW 16	NW 12	NW 12	NW 12	NW 12	NNE 20	NW 3	WNW 32	NNE 2	NNE 8
0015-0030	D V	NW 4	WNW 4	WSW 4	WNW 8			N 7	N 8	NW 4	NW 16	NW 16	NW 12	NW 12	NW 12	NW 12	NNE 16	NW 3	WNW 3	NW 1	NNE 8
0030-0015	D V	NW 8	WNW 4				W 4														
0015-0045	D V	WNW 4	WNW 4	NNE 4	WNW 8	NW 24															
0045-0100	D V	NW 4	WNW 4	NNE 4	WNW 8	NW 12	SW 4	N 4	NW 4	WNW 8	WNW 4	WNW 4	WNW 12	WNW 12	WNW 12	WNW 12	NNE 12	W 4	WNW 1	WNW 1	NNE 4
0100-0115	D V	NW 4	WNW 4	NNE 4	WNW 8	NW 12	SW 4	N 4	NW 4	WNW 8	WNW 4	WNW 4	WNW 12	WNW 12	WNW 12	WNW 12	ESE 16	E 2	WNW 2	ENE 2	NNE 4
0115-0130	D V	NW 4	WNW 4	NNE 4	WNW 8	NW 12	WSW 4	N 4	NW 4	WNW 8	WNW 4	WNW 4	WNW 12	WNW 12	WNW 12	WNW 12	E 16	ESE 1	WNW 2	N 2	NNE 4
0100-0130	D V	NW 4	WNW 4	NNE 4	WNW 8	NW 12	SW 4	NNE 4	WNW 4	WNW 8	WNW 4	WNW 4	WNW 12	WNW 12	WNW 12	WNW 12	E 16	ESE 1	WNW 2	N 2	NNE 4
0130-0145	D V	NW 4	WNW 4	NNE 4	WNW 8	NW 12	SW 4	NNE 4	WNW 4	WNW 8	WNW 4	WNW 4	WNW 12	WNW 12	WNW 12	WNW 12	E 16	ESE 1	WNW 2	N 2	NNE 4
0145-0200	D V	NW 4	WNW 4	NNE 4	WNW 8	NW 12	SW 4	NNE 4	WNW 4	WNW 8	WNW 4	WNW 4	WNW 12	WNW 12	WNW 12	WNW 12	E 16	ESE 1	WNW 2	N 2	NNE 4

TABLE XIX-1 (cont)

EXPERIMENT NO. 98 (cont)

Time Interval	Station: Element	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2245-2300	D (deg)	NW	WNW	NNE	NW	NW	WNW	WNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
	V (mph)	12	8	4	4	16	4	12	12	12	12	12	12	12	12	12	16	4	4	8	8
2300-2315	D	WNW	WNW	NW	NNE	NE	W	N	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
	V	8	8	4	4	4	<4	8			20	20	20	20	20	20	16	1	7	7	7
2315-2330	D	WNW	WNW	W	NW	NW	WNW	N	N		NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
	V	4	8		8	32	4	4	4		8	8	8	12	12	16	16	<1	5	5	5
2345-2330	D									NW											
	V									16											
2345-2330	D	WNW		W	NW	NW	W	NNE	N	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
	V	8			8	20	4	4	4	12	16	16	16	4	4	12	12	<1	4	4	4
2330-2345	D	WNW			WNW	NW	W	N	N		NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
	V	8			12	16	4	4	8		24	24	24	24	24	24	12	ESE	5	5	5
2345-0000	D		WNW																		
	V		8																		
2330-0000	D	WNW	WNW	NNE	NW	NW					NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
	V	8	4		12	16					4	4	4	12	12	12	12	W	4	4	8
0000-0015	D									NW											
	V									10											
2345-0015	D	WNW	WNW	NNE	NW	NW					NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
	V	8	8		16	20					12	12	12	12	12	12	16	1	3	3	3
0015-0030	D						W														
	V						6														
0000-0030	D	WNW	WNW	NNE	NW	NW	W			NNE	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
	V	4	4		8	24	4			8	10	10	10	10	10	10	12	1	3	3	3
0030-0045	D																				
	V																				
0015-0045	D	WNW	WNW	NNE	NE	NW	WNW	NNE	W	ESE	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
	V	4	<4		12	20	8	8	4	4	8	8	8	4	4	4	12	3	1	1	1
0045-0100	D																				
	V																				
0100-0115	D	WNW	WNW	NNE	N	NNE	WNW	NNE	W	ESE	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
	V	8	<4		4	8	8	4	<4	4	4	4	4	4	4	4	16	7	1	1	1
0115-0130	D																				
	V																				
0130-0145	D	WNW	WNW	NNE	WSW	NNE	WNW	NNE	SSW	ESE	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
	V	8	<4		4	<4	8	4	<4	4	4	4	4	4	4	4	12	11	2	2	2
0115-0145	D																				
	V																				
0145-0200	D	WNW	WNW	NNE	SE	N		WSW	WSW	ESE	N	N	N	N	N	N	SE	NNW	NNW	NNW	NNW
	V	4	<4		4	<4		<4	<4	4	4	4	4	4	4	4	16	3	2	2	4
0130-0200	D																				
	V																				

XX Rawinsonde Data

Table XX-1, pages 260 through 277, contains the rawinsonde measurements described in Chapter XI of Volume I. Values of pressure (P), height (z), temperature (T), and dew point (T_d) are shown on the left. Values of wind direction (D) and wind speed (V) at various heights above ground are shown on the right.

As many as four rawinsonde releases were made in support of a diffusion experiment. In order to specify the particular release in support of a particular experiment, a number-letter designation was used. Ascension 1B, for example, refers to the first diffusion experiment and the second rawinsonde release. The start of the ascension and the start of tracer emission are given in date-time groups. The date-time group 06130128 denotes June 13, 0128 PST.

TABLE XX-1
RAWINSONDE MEASUREMENTS

Ascension No. 1A
Ascension Start 06182200
Emission Start 06190128

1B
06182300

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
989	0	25.0	7.6	1	030	3.6	989	0	25.0	9.7	1	030	5.1
974		27.6	6.4	200	040	8.0	972		25.4	5.5	300	040	7.2
850	1327	17.5	3.5	380	050	9.2	850	1317	16.2	3.5	600	050	6.2
804		13.3	3.4	550	050	7.7	848		16.0	3.5	900	050	4.7
760		14.2	- 0.3	700	060	6.1	812		13.0	2.5	1200	050	3.2
700	2947	10.0	- 6.7	840	060	5.7	768		14.0	-0.8	1400	050	2.6
664		7.0	-11.2	980	060	4.8	708		10.0	-6.7	1590	030	2.1
650	3567	5.2	- 8.6	1120	050	4.2	700	2947	9.2	-6.7	1770	020	2.2
				1260	050	3.8	650	3553	4.0	-7.4	1950	040	1.5
				1400	040	2.9					2080	080	0.9
				1540	040	2.1					2230	200	1.1
				1670	030	1.8					2370	220	2.9
				1800	020	1.4					2540	230	3.9
				1930	280	0.5					2700	220	4.4
				2050	170	1.0					2860	230	5.5
				2180	170	1.0					3030	230	6.0
				2300	190	2.0					3200	210	3.2
				2420	210	3.3					3380	180	2.4
				2550	220	4.2							
				2670	210	4.4							
				2800	220	4.9							
				2930	220	5.5							
				3060	220	4.8							
				3200	210	4.0							
				3300	210	3.6							
				3400	220	4.3							
				3500	220	6.0							
				3570	230	6.4							

1C
06190100

1D
06190200

989	0	23.0	9.4	1	030	1.0	988		22.0	7.0	1	010	3.6
952		25.4	8.0	220	040	4.8	958		24.6	7.3	330	020	5.0
850	1312	17.0	3.5	420	050	5.4	875		18.8	4.3	570	030	5.1
824		14.7	4.1	590	050	6.8	850	1312	16.9	3.5	800	050	5.1
757		14.1	- 0.7	770	050	4.5	815		14.0	2.5	1040	020	3.9
719		11.4	- 3.5	940	040	3.6	770		14.6	-0.3	1240	010	4.1
700	2947	9.8	- 3.5	1110	030	4.2	716		11.0	-4.6	1400	340	4.0
650	3553	5.0	- 6.5	1270	020	3.6	700	2937	9.8	-3.5	1560	360	3.9
				1410	010	3.4	695		9.2	-2.2	1720	360	2.9
				1560	010	3.3	686		8.6	-6.7	1890	090	1.4
				1700	020	3.2	662		6.1	-2.0	2020	140	3.1
				1830	040	1.8	650	3553	4.6	-5.7	2170	170	3.6
				1990	110	1.6					2300	210	3.8
				2130	150	2.4					2440	230	4.9
				2280	200	3.0					2600	230	5.8
				2430	230	4.4					2750	240	7.0
				2580	240	6.0					2900	260	9.0
				2740	240	6.9					3050	260	10.3
				2900	230	7.8					3220	250	10.8
				3080	230	9.2					3390	250	11.9
				3240	240	9.5					3530	250	12.8
				3400	240	8.9							
				3530	240	8.4							

TABLE XX-1 (Cont)

Ascension No. 2A
 Ascension Start 06252130
 Emission Start 06252304

2B
 06252315

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
980	0	19.0	2.0	1	300	10.3	980	0	18.0	2.5	1	290	9.8
948		17.0	4.0	400	290	9.2	850	1198	9.2	1.2	370	290	10.6
934		16.6	3.6	750	280	7.0	816		6.6	0.5	650	290	8.8
866		11.5	2.0	1100	270	5.7	786		5.0	- 0.8	930	280	6.6
850	1204	10.2	1.2	1450	240	4.7	750		0.1	- 3.8	1200	260	6.3
738		- 0.6	- 4.7	1800	210	4.1	700	2768	- 3.5	- 6.2	1460	250	6.8
725		- 0.7	- 3.0	2170	190	3.4	692		- 4.1	- 6.4	1720	230	6.6
700	2777	- 3.2	- 5.2	2520	210	2.3	660		- 5.4	- 6.9	2020	220	6.8
692		- 3.8	- 5.8	2900	270	2.7	650	3362	- 6.0	- 7.4	2330	220	7.2
680		- 3.5	- 5.5	3250	290	3.2					2600	230	6.4
650	2387	- 5.8	- 7.4								2800	240	4.3
											3130	260	4.2
											3370	270	5.4

3A
 06282220
 06282332

3B
 06282317

992	0	17.0	8.0	1	350	4.3	995	0	14.5	9.2	1	320	5.0
981		17.4	8.5	280	350	4.9	982		16.0	10.5	280	330	5.7
870		8.5	4.0	530	360	5.2	856		7.9	3.4	500	350	4.0
850	1299	7.2	3.2	750	350	5.9	850	1302	7.5	3.2	670	350	3.8
806		3.2	1.0	1000	350	5.5	818		5.0	1.7	830	350	4.6
712		- 3.6	- 5.8	1240	340	3.4	731		- 1.4	- 4.7	1000	360	4.1
700	2859	- 4.7	- 6.7	1440	340	3.1	708		- 2.4	- 7.5	1140	020	3.3
678		- 6.6	- 8.5	1650	340	5.5	700	2872	- 2.7	- 8.2	1340	040	3.4
664		- 6.8	- 9.0	1840	350	6.7	650	3453	- 7.0	-13.5	1550	050	4.3
650	3437	- 7.9	-12.1	2030	350	5.2					1740	050	4.4
				2200	360	4.3					1880	050	4.4
				2400	350	4.9					2000	040	4.2
				2600	350	5.2					2130	040	4.5
				2800	350	4.9					2270	050	4.7
				3000	360	4.0					2400	060	3.8
				3180	360	4.3					2530	040	3.5
				3350	360	5.2					2690	030	4.0
											2830	060	3.2
											2970	070	3.2
											3100	060	3.8
											3240	060	4.4
											3350	060	4.8

TABLE XX-1 (Cont)

Ascension No. 3C
 Ascension Start 06290032
 Emission Start

4A
 07062045
 07062149

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
993	0	12.5	7.2	1	330	3.4	987	0	16.0	- 2.0	1	290	11.1
988		15.6	9.5	350	340	3.8	958		15.6	3.4	350	280	9.9
914		11.8	4.8	650	350	3.9	878		9.4	1.5	650	270	8.2
850	1299	6.7	1.7	1000	350	3.9	850	1253	7.7	- 0.2	950	260	6.2
778		0.8	- 1.7	1250	020	3.0	764		1.7	- 6.6	1280	250	4.9
700	2862	- 4.2	- 8.7	1550	050	2.7	700	2823	- 4.5	-10.2	1580	230	5.8
683		- 5.4	-10.5	1770	060	3.3	695		- 4.5	-10.6	1900	220	8.9
650	3437	- 8.2	-12.9	1970	050	4.4	650	3412	- 7.8	-16.2	2200	220	11.0
				2150	040	5.3					2490	220	11.6
				2350	040	5.3					2730	230	10.9
				2530	050	5.2					2970	240	9.4
				2700	060	5.8					3270	250	8.8
				2900	060	5.1							
				3050	050	3.9							
				3200	050	3.8							
				3350	050	3.9							

4B
 07062150

4C
 07062250

988	0	16.0	3.7	1	290	5.1	988	0	14.0	2.3	1	290	5.9
978		15.7	3.2	240	290	7.8	978		14.4	3.5	280	290	6.2
950		14.0	1.4	430	290	8.0	876		8.0	- 0.3	560	290	6.3
861		8.2	0.4	600	290	8.0	850	1253	6.2	- 1.5	850	280	6.7
850	1259	7.5	- 0.2	750	290	7.2	812		3.9	- 3.4	1130	270	6.1
824		5.5	- 1.4	900	280	6.5	755		0.5	- 7.7	1340	260	4.6
792		3.7	- 6.4	1040	280	5.0	718		- 3.3	- 9.4	1540	260	4.7
733		- 0.9	-11.6	1160	290	4.8	700	2814	- 5.2	-10.7	1740	260	5.4
700	2826	- 3.7	-12.2	1270	290	4.0	668		- 8.0	-13.5	2000	260	6.5
680		- 5.9	-13.0	1370	280	3.8	650	3402	- 9.2	-16.8	2260	260	7.3
666		- 6.6	-14.0	1480	270	4.0					2540	250	8.0
656		- 7.2	-18.5	1600	250	4.0					2800	250	8.0
650	3412	- 7.4	-16.8	1710	250	5.0					3020	260	6.4
				1870	260	7.2					3170	270	6.8
				2030	250	8.7					3300	270	7.6
				2180	240	9.3							
				2340	230	9.3							
				2490	230	9.3							
				2630	240	10.2							
				2780	240	10.5							
				2900	240	7.8							
				3000	250	8.0							
				3110	250	9.2							
				3210	250	9.0							
				3300	250	10.0							
				3410	250	10.6							

TABLE XX-1 (Cont)

Ascension No. 5A
 Ascension Start 07082100
 Emission Start 07082120

5B
 07082207

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
996	0	24.0	3.4	1	020	5.1	996	0	22.0	2.7	1	020	2.9
978		23.6	2.4	300	030	4.9	984		23.1	3.6	290	030	3.4
922		21.0	- 0.3	580	060	6.3	950		21.0	1.8	550	070	5.3
877		16.5	0.6	880	070	6.7	856		14.5	- 1.5	910	070	5.4
850	1366	15.2	- 2.2	1170	080	6.1	850	1357	14.2	- 2.2	1230	070	3.3
818		13.4	- 5.6	1380	080	6.1	819		13.0	- 4.2	1440	070	2.3
792		11.7	- 4.8	1570	080	5.2	758		7.6	-10.2	1640	110	1.0
763		9.1	-10.9	1750	100	1.1	700	2963	3.5	-12.0	1850	200	2.2
715		5.9	- 9.5	1950	200	3.0	650	3587	- 0.7	- 7.9	2070	220	2.8
700	2978	4.5	-10.7	2200	220	2.8					2300	240	2.5
650	3602	- 0.9	-15.2	2450	260	3.3					2500	260	4.0
				2730	270	1.0					2650	250	6.3
				3020	090	2.1					2830	250	6.0
											3000	250	7.2
											3190	250	10.5
											3300	250	11.9
											3500	250	12.1

5C
 07082300

6A
 07102100
 07102217

996	0	22.0	3.2	1	020	3.4	991	0	28.0	4.9	1	140	1.9
986		23.0	3.5	330	030	3.9	974		31.0	3.1	250	140	3.9
853		14.4	- 2.0	600	070	5.8	900		25.4	- 0.6	500	140	4.9
850	1357	14.5	- 2.5	900	060	5.0	850	1351	21.2	- 1.5	750	150	4.3
842		14.6	- 5.1	1200	050	2.8	714		8.0	- 5.7	1050	180	3.0
812		12.3	- 5.2	1450	110	1.0	700	2984	8.2	- 5.5	1350	250	2.7
750		7.4	- 8.6	1700	210	2.4	680		8.5	- 6.0	1640	250	2.7
704		3.4	-10.3	1950	220	2.6	650	3637	5.2	- 7.9	1940	290	3.4
700	2966	3.2	- 9.2	2200	240	4.0					2200	320	4.9
691		2.5	- 7.6	2470	250	5.7					2530	300	3.0
650	3562	- 0.6	- 8.0	2630	260	6.9					2870	270	3.1
				2800	260	7.8					3170	270	5.6
				2940	260	9.0					3360	270	8.3
				3100	250	9.6					3540	270	9.1
				3230	250	10.6							
				3400	250	11.6							
				3530	240	11.6							

TABLE XX-1 (Cont)

Ascension No. 6B
 Ascension Start 07102215
 Emission Start

6C
 07102315

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
991	0	27.5	5.7	1	290	3.0	991	0	26.5	8.8	1	310	4.1
976		30.4	5.5	330	280	2.9	960		29.0	5.0	330	290	3.5
914		27.0	-0.1	620	170	3.2	903		26.3	0.1	530	190	1.4
850	1353	21.5	-0.5	900	160	3.1	805	1348	21.5	-1.2	950	170	2.6
730		10.3	-3.3	1160	180	1.6	740		10.8	-4.4	1280	160	2.6
708		10.7	-9.5	1410	220	1.0	718		10.6	-7.5	1540	160	0.5
700	2993	10.2	-8.5	1660	290	1.0	704		9.4	-3.2	1800	280	1.6
650	3612	5.5	-7.3	1900	260	1.4	700	2987	9.2	-3.7	2080	270	2.3
				2150	260	2.2	682		9.1	-7.5	2360	270	3.5
				2400	270	3.2	668		7.3	-6.0	2630	270	4.7
				2660	270	3.8	650	3602	5.1	-6.4	2830	270	6.3
				2850	260	5.0					3030	270	6.4
				3000	260	5.8					3230	270	5.9
				3150	260	6.0					3440	270	6.0
				3300	260	6.7							
				3470	280	7.4							

7A
 07132100
 07132201

7B
 07132200

986	0	24.0	6.8	1	290	2.0	986	0	22.8	4.3	1	290	5.4
970		25.5	4.0	280	290	2.7	968		25.6	3.0	320	290	4.1
850	1284	15.7	0.5	520	170	0.4	850	1284	16.5	-0.5	600	160	1.1
830		13.9	-0.5	800	130	0.5	830		15.0	-1.1	850	160	3.7
791		12.1	-8.9	1070	020	0.5	778		11.1	-9.2	1090	130	2.3
700	2902	6.7		1300	340	2.0	760		12.0		1330	090	2.1
686		6.0		1540	330	3.4	700	2908	6.2		1560	040	1.9
650	3502	3.2		1770	330	5.0	650	3520	4.6		1810	340	1.8
				1940	340	4.0					2000	340	2.0
				2100	350	1.9					2200	340	1.8
				2260	360	1.4					2400	330	2.2
				2400	360	1.5					2600	330	2.2
				2560	350	2.5					2750	320	2.7
				2700	340	3.2					2900	300	2.3
				2810	320	3.4					3050	290	4.1
				2960	300	4.1					3200	290	4.4
				3100	290	4.6					3330	280	4.5
				3210	290	5.0					3460	290	4.7
				3370	290	6.0							
				3510	290	6.4							

TABLE XX-1 (Cont)

Ascension No. 7C
 Ascension Start 07132300
 Emission Start

8A
 07152150
 07152200

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
986	0	21.5	5.0	1	270	4.1	987	0	28.0	8.5	1	320	2.3
962		24.5	3.2	300	270	3.6	970		29.0	11.5	400	260	1.5
854		16.5	0.2	600	180	2.6	920		28.4	0.2	700	130	2.9
850	1284	16.2	0.2	900	170	2.7	874		24.1		1000	200	2.8
780		10.5	- 7.1	1200	120	1.5	850	1317	220		1250	180	2.6
761		11.0	- 9.9	1520	090	1.3	833		20.5	- 4.5	1440	130	2.7
700	2905	7.2		1800	060	1.1	782		16.0	- 4.0	1600	080	2.0
650	3512	4.0		2060	030	1.3	711		9.7	-10.4	1800	020	3.1
				2300	360	1.6	700	2961	8.7		2000	350	3.2
				2500	340	2.0	674		7.0		2200	010	4.9
				2660	340	2.4	665		7.9		2410	010	5.9
				2850	310	2.6	650	3565	6.0		2610	010	6.3
				3010	290	4.1					2780	360	3.6
				3190	270	4.2					2970	280	1.8
				3360	270	4.2					3160	270	3.4
				3520	270	4.1					3330	260	4.9
											3470	250	6.4

8B
 07152300

3A
 07162145
 07162324

988	0	24.5	9.3	1	330	2.4	988	0	26.2	2.2	1	350	1.0
970		27.3	7.1	300	300	1.8	983		31.0	3.1	300	360	0.7
044		26.5	1.0	550	150	0.9	970		32.5	2.5	600	010	0.9
876		22.5	- 2.3	720	-	0.0	942		31.1		900	020	1.2
850	1317	20.2	- 3.5	930	-	0.0	887		26.1	0.0	1200	030	1.5
726		8.6	- 8.9	1120	-	0.0	850	1330	22.7	- 0.7	1510	040	1.8
704		6.8	-12.3	1330	250	3.1	759		13.1	- 3.2	1780	040	2.0
700	2948	6.5		1560	280	7.3	718		9.6	-10.5	2000	050	2.9
650	3537	4.4		1780	310	12.8	700	3971	8.2		2240	060	3.0
				1940	340	12.4	650	3582	5.8		2470	050	4.2
				2100	010	12.5					2690	040	3.4
				2280	020	9.4					2900	030	2.2
				2450	030	10.3					3100	330	1.1
				2620	040	12.8					3360	250	1.9
				2810	060	7.2							
				3000	290	3.2							
				3180	270	9.3							
				3360	250	11.4							
				3530	250	11.6							

TABLE XX-1 (Cont)

Ascension No. 9B
 Ascension Start 07162300
 Emission Start

9C
 07170000

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
988	0	26.5	4.9	1	330	4.2	988	0	25.6	5.7	1	330	3.1
955		30.5	4.3	330	340	5.0	982		29.5	8.0	300	350	2.9
912		27.5	- 0.5	560	360	5.8	953		30.6	2.0	600	020	2.9
850	1326	22.2	- 1.2	780	010	6.1	850	1326	21.5	- 1.2	900	060	2.9
783		16.0	- 3.4	980	020	4.7	806		17.5	- 2.6	1190	050	2.8
716		8.6	- 5.5	1180	020	5.3	756		12.6	- 3.5	1450	040	2.4
704		8.3	-12.2	1380	030	4.7	718		8.5	- 5.7	1730	030	2.5
700	2966	8.2		1530	040	3.8	700	2966	7.7	- 9.7	1940	020	3.1
650	3587	6.5		1700	040	5.2	691		7.6	-12.2	2140	020	3.0
				1890	030	6.5	650	3572	6.5		2330	040	2.0
				2060	030	5.7					2530	030	0.8
				2230	040	3.5					2740	050	1.0
				2400	070	2.0					2940	120	1.0
				2600	080	2.4					3160	270	2.8
				2790	080	2.0					3330	270	3.8
				2970	330	0.8					2480	270	6.1
				3150	280	3.4					3600	260	7.9
				3300	270	7.2							
				3480	270	10.0							

10A
 07192120
 07192200

10B
 07192200

983	0	31.0	9.2	1	300	12.1	983	0	30.0	6.5	1	310	12.3
966		33.1	10.4	300	310	10.5	934		31.5	0.7	280	320	11.0
938		33.4	4.1	580	330	6.4	850	1290	15.2	- 7.7	480	340	8.0
850	1299	25.5	1.5	840	360	4.0	808		21.5	- 0.5	770	350	3.6
813		21.8	- 0.2	1100	020	3.8	723		12.9	- 4.7	1060	040	0.8
728		13.2	- 4.5	1310	040	3.4	700	2951	10.5	- 3.5	1260	090	2.0
700	2957	10.2	- 3.5	1540	060	3.5	650	3553	4.4	- 4.0	1430	070	2.2
650	3560	4.3	- 3.7	1770	070	2.8					1600	060	2.0
				2000	090	1.0					1770	080	2.0
				2210	150	1.0					1900	100	2.1
				2460	180	0.5					2080	080	1.6
				2690	240	0.7					2240	090	1.0
				2910	230	2.1					2400	150	1.2
				3140	240	3.6					2580	210	1.4
				3350	250	4.2					2790	220	2.0
											2980	230	1.6
											3180	240	3.0
											3310	240	3.1
											3480	250	3.4

TABLE XX-1 (Cont)

Ascension No. 10C
 Ascension Start 07192300
 Emission Start

11A
 07212025
 07212200

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
983	0	29.3	7.2	1	310	10.1	983	0	32.5	5.8	1	140	3.1
970		30.6	6.5	350	320	9.1	962		34.0	5.5	250	140	6.7
934		32.0	3.0	530	330	4.8	850	1293	24.2	2.5	470	150	6.3
862		26.7	1.2	900	360	2.1	840		23.4	2.3	630	150	6.0
850	1293	25.2	1.2	1150	090	1.0	738		13.3	-2.1	800	150	4.0
726		13.2	- 3.1	1480	110	1.5	710		14.9	-7.2	950	150	2.4
700	2951	10.2	- 3.5	1800	110	1.7	700	2951	14.0		1100	190	1.7
662		5.5	- 4.4	2100	150	1.9	650	3562	8.9		1300	270	2.5
650	3562	5.4	-10.0	2460	180	2.5					1530	280	4.4
				2750	200	2.6					1780	290	5.2
				3080	240	2.3					1980	290	5.7
				3360	250	2.5					2190	290	6.0
											2380	300	6.2
											2580	300	6.7
											2770	320	5.0
											2940	350	3.4
											3130	350	3.2
											3300	340	3.6
											3450	350	4.0
											3590	350	4.4

11B
 07212205

11C
 07212300

984	0	29.5	4.8	1	150	2.9	984	0	29.0	8.1	1	300	3.3
980		34.0	5.5	300	150	4.5	976		32.3	9.0	380	230	2.6
939		33.6	5.2	580	150	3.9	932		31.5	4.4	500	170	5.0
850	1308	25.2	4.2	840	170	3.4	850	1302	24.2	5.5	690	170	4.8
752		14.5	0.0	1100	190	3.5	757		14.5	2.5	840	170	5.1
740		16.1	- 6.2	1400	210	3.2	732		14.5	-7.5	1000	170	4.3
700	2969	12.7		1700	260	2.4	700	2957	12.5		1180	200	2.7
650	3597	8.5		1930	280	2.6	650	3562	8.8		1340	230	2.5
				2160	280	3.3					1500	230	3.0
				2400	310	4.2					1660	240	2.6
				2600	330	3.0					1800	260	2.2
				2810	300	1.6					1980	280	2.6
				3030	290	1.7					2100	290	3.0
				3240	300	2.1					2250	290	3.2
				3430	300	2.6					2380	310	3.2
											2520	330	2.2
											2660	280	0.9
											2820	260	1.5
											3000	260	2.2
											3170	280	2.1
											3330	290	2.3
											3500	300	2.9
											3610	300	3.0

TABLE XX-1 (Cont)

Ascension No. 12A
 Ascension Start 07222230
 Emission Start 07230015

12B
 07230015

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
984	0	31.0	10.8	1	180	1.2	984	0	30.0	5.3	1	300	3.3
974		36.1	7.2	320	170	8.1	977		33.7	6.0	280	280	4.1
939		35.3	3.8	600	170	7.5	927		33.0	3.0	520	220	5.8
850	1314	27.2	3.2	810	170	7.1	876		29.0	1.5	750	210	6.6
779		20.0	1.0	1050	160	8.7	850	1311	26.5	1.7	990	200	6.8
724		14.6	- 0.6	1260	160	8.9	730		14.4	- 1.6	1240	190	6.0
700	2984	12.2	- 0.2	1470	160	8.8	700	2975	11.5	- 1.7	1500	170	4.8
650	3587	7.0	- 0.7	1670	160	6.5	650	3592	6.5	- 3.2	1760	180	5.0
				1870	170	4.8					2010	160	6.1
				2100	170	3.6					2200	160	5.8
				2320	190	2.1					2430	170	4.8
				2550	210	1.6					2630	170	4.0
				2740	200	1.4					2800	170	3.6
				2940	200	1.8					3000	180	4.5
				3140	250	2.9					3240	180	5.0
				3340	250	4.9					3490	180	5.0
				3530	250	6.0							

12C
 07230115

13A
 07242130
 07242230

984	0	30.0	7.8	1	290	3.6	990	0	24.5	3.7	1	300	15.3
967		33.4	7.3	260	280	3.8	958		26.2	2.7	300	300	14.0
953		35.2	5.5	500	240	3.3	932		25.2	2.3	580	300	12.0
850	1311	26.7	3.2	800	230	4.9	850	1329	19.7	4.5	900	290	9.3
755		18.0	- 1.2	1100	210	5.5	820		17.4	4.0	1220	260	5.9
700	2981	13.2	- 1.2	1300	200	5.3	782		13.4	2.3	1430	230	5.8
650	3597	8.0	- 2.9	1540	190	4.9	735		10.7	-10.0	1600	220	6.2
				1760	190	5.0	700	2963	8.2		1790	220	5.6
				1980	180	4.0	650	3567	4.1		1960	240	6.0
				2160	170	5.8					2130	240	5.9
				2360	160	6.6					2300	230	4.0
				2560	160	7.2					2500	220	3.0
				2790	160	7.9					2680	240	4.5
				2990	160	7.3					2900	250	5.6
				3200	160	6.3					3100	260	4.7
				3400	170	5.2					3320	270	6.2
				3600	190	5.0					3500	270	7.6

13B
 07242230

13C
 07242330

990	0	24.7	4.5	1	300	13.4	980	0	25.0	7.6	1	290	10.4
954		26.8	2.6	320	300	13.0	969		24.2	7.0	360	290	10.0
850	1329	19.2	4.2	630	230	11.1	940		26.0	4.5	690	290	8.8
790		14.2	3.0	1000	270	7.4	850	1329	19.2	5.2	1020	260	5.7
765		12.5	- 2.5	1330	220	5.4	782		13.5	3.5	1350	230	5.2
716		7.8	- 7.8	1550	230	7.6	752		11.5	- 2.3	1700	220	6.6
700	2960	7.2	- 9.2	1980	240	6.6	700	2966	7.5	- 8.2	2030	230	7.6
682		6.9	-11.2	2300	240	2.9	686		6.3	- 9.5	2360	240	7.4
650	3557	4.0	-13.7	2580	260	5.1	650	3562	4.9	-13.0	2660	240	7.0
				2800	260	7.3					2930	250	8.0
				3020	260	8.6					3200	250	8.5
				3240	250	8.9					3400	250	9.0
				3440	250	9.1					3590	260	9.4

TABLE XX-1 (Cont)

Ascension No. 14A
 Ascension Start 07282010
 Emission Start 07290005

14B
 07290000

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
991	0	21.0	- 0.9	1	100	4.1	991	0	16.5	- 0.7	1	280	3.1
978		22.7	0.5	350	090	4.4	977		19.5	1.5	260	060	0.6
850	1311	12.2	- 3.7	650	080	3.4	866		12.5	- 2.9	500	100	3.3
826		9.9	- 4.5	980	050	2.3	850	1302	11.2	- 2.5	700	110	2.8
730		2.4	-10.8	1260	330	2.4	765		5.0	- 3.5	890	110	4.0
718		3.0	-14.2	1570	330	4.0	737		3.6	-10.4	1070	110	4.5
700	2902	1.7	-15.7	1830	340	3.6	700	2893	1.5	-13.7	1260	110	3.9
691		1.0	-16.4	2120	030	1.0	650	3469	- 1.5	-10.5	1500	080	3.4
678		1.4		2390	110	1.9					1700	040	5.6
650	3497	- 1.9		2600	100	3.4					1930	040	8.0
				2830	090	4.4					2140	030	8.4
				3060	050	2.5					2350	030	4.2
				3290	340	1.0					2570	240	0.7
				3500	300	1.2					2740	180	2.4
											2900	150	3.8
											3070	150	3.8
											3230	150	2.6
											3370	140	2.0
											3480	150	2.1

14C
 07290100

15A
 07302300
 07310010

992	0	16.5	1.8	1	310	2.1	988	0	26.0	2.6	1	360	4.1
983		19.9	4.0	300	300	1.5	966		30.0	3.1	330	040	8.4
886		13.9	- 2.5	530	120	1.8	850	1320	21.2	- 2.2	560	040	7.8
850	1311	15.2	- 3.5	730	120	2.3	782		15.0	- 5.9	730	050	7.0
762		3.9	- 7.5	920	120	3.1	763		15.0	- 5.9	900	050	7.0
710		2.3	-14.3	1110	120	3.9	700	2963	9.2	- 9.2	1100	050	5.7
700	2896	1.7	-15.5	1320	110	4.5	650	3567	4.5	-12.0	1240	050	4.3
676		0.1	-17.1	1540	100	4.2					1400	060	5.0
650	3507	- 1.7		1740	060	4.4					1560	070	4.0
				1940	040	7.4					1700	080	3.3
				2150	050	8.4					1870	080	4.6
				2370	040	4.9					2030	070	4.5
				2580	280	1.1					2200	110	3.2
				2740	190	1.7					2360	170	4.8
				2910	140	3.2					2530	170	4.6
				3090	150	2.5					2700	180	5.0
				3240	150	2.1					2860	200	5.2
				3410	150	2.1					3060	220	5.0
											3230	240	8.4
											3400	250	11.0

TABLE XX-1 (Cont)

Ascension No. 15B
 Ascension Start 07310015
 Emission Start

15C
 07310110

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
988	0	25.0	3.6	1	020	4.0	988	0	25.5	3.5	1	340	3.9
976		27.6	4.0	370	030	6.9	982		27.5	3.9	300	020	6.5
948		26.5	1.7	630	040	8.8	960		27.2	2.3	530	040	8.4
926		27.6	1.9	840	040	7.2	932		27.5	1.7	760	040	7.7
850	1320	22.0	- 2.0	1040	040	6.9	884		24.0	- 1.0	970	040	7.4
796		17.6	- 5.0	1230	040	5.3	850	1320	22.0	- 2.0	1180	030	5.8
734		13.5	- 7.2	1400	040	4.1	762		16.4	- 6.0	1300	040	4.0
700	2969	10.2	- 8.7	1570	040	3.7	732		13.5		1470	040	3.7
650	3567	5.2	-11.3	1730	040	3.3	700	2969	9.5		1620	050	3.8
				1900	070	3.2	694		8.9	-11.0	1790	060	4.7
				2130	120	2.2	650	3577	4.5	-11.1	2000	110	3.2
				2360	180	3.4					2240	180	3.0
				2590	180	3.7					2500	220	4.2
				2900	210	4.0					2800	240	4.5
				3180	240	7.0					3140	230	5.0
				3400	240	8.6					3420	240	6.4
				3580	230	8.2							

16A
 08052120
 08052310

16B
 08052305

993	0	20.6	1.0	1	300	8.1	993	0	20.0	3.0	1	290	4.7
986		24.6	3.3	330	350	0.8	981		22.5	3.5	340	300	2.0
850	1335	13.7	- 1.7	600	360	1.1	924		19.0	- 1.5	630	040	1.4
794		9.0	- 4.9	900	010	3.1	850	1329	12.7	- 2.2	980	050	2.7
768		7.3	-11.8	1140	030	3.5	816		10.0	- 3.0	1320	050	3.7
740		7.6		1400	030	5.5	770		7.1	-12.5	1670	040	5.7
700	2942	5.0		1600	030	6.7	745		7.5		2000	030	7.3
688		4.2		1810	020	6.8	700	2933	4.7		2300	030	4.8
650	3562	2.1		2000	010	7.6	650	3537	1.4		2600	030	1.4
				2230	360	5.9					2900	350	1.5
				2440	360	2.4					3230	320	2.2
				2650	360	2.4					3530	310	2.6
				2850	350	2.5							
				3000	350	2.1							
				3160	340	0.9							
				3300	320	1.1							
				3430	300	2.4							
				3570	280	3.1							

TABLE XX-1 (Cont)

Ascension No. 16C
 Ascension Start 08060005
 Emission Start

17A
 08072030
 08072130

P(mib)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mib)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
993	0	18.0	6.5	1	310	3.1	929	0	29.0	3.7	1	310	7.1
983		22.9	8.9	300	310	3.2	961		29.5	2.7	150	310	10.0
968		24.0	4.3	530	050	1.0	916		26.6	2.5	300	310	10.9
850	1326	14.2	-1.5	800	060	2.0	850	1322	21.2	0.2	430	320	10.3
792		8.9	-5.0	1090	070	3.4	792		15.5	-2.8	560	310	6.3
764		7.7	-11.5	1350	070	4.1	700	2967	6.2	-2.9	700	310	2.0
746		8.0		1600	060	5.2					880	270	1.5
700	2936	5.7		1800	050	6.0					1090	230	2.0
650	3520	2.8		2040	040	5.7					1270	230	2.0
				2240	040	3.9					1440	230	2.0
				2440	030	2.3					1580	220	2.7
				2650	360	2.1					1700	230	2.9
				2870	330	2.6					1840	230	3.6
					320	2.7					1990	240	3.8
					340	2.7					2100	250	4.1
				3230	340	2.7					2240	250	4.4
				3400	340	2.7					2350	260	4.8
											2490	260	5.2
											2600	250	5.2
											2700	250	5.6
											2830	250	6.8
											2940	250	7.1

17B
 08072130

17C
 08072230

989	0	28.0	5.0	1	310	11.0	989	0	26.4	4.2	1	320	5.8
968		29.0	3.7	260	310	10.0	954		26.9	2.0	300	320	9.4
916		26.5	4.3	470	320	9.2	850	1323	19.7	0.2	550	320	8.6
850	1329	20.5	2.2	700	310	6.7	784		14.9	-1.6	820	320	8.2
805		16.0	0.2	960	310	2.2	724		9.4	-3.8	1100	310	5.1
785		15.5	-0.6	1200	270	1.2	700	2960	7.7	-9.2	1390	290	1.1
700	2963	6.2	-3.2	1460	240	2.4	692		7.1	-12.0	1630	210	3.6
670		2.5	-4.3	1700	240	3.5	650	3567	2.9	-15.7	1670	210	7.5
650	3577	2.0	-14.2	1900	230	4.5					2100	200	6.2
				2130	220	6.3					2300	210	4.9
				2330	210	7.2					2500	220	5.9
				2530	220	6.8					2730	240	7.4
				2730	230	7.0					2970	260	8.9
				2900	230	7.0					3200	270	10.2
				3100	230	6.7					3430	270	10.4
				3270	230	6.4					3580	270	9.9
				3430	240	6.4							

TABLE XX-1 (Cont)

Ascension No. 18A
 Ascension Start 08092040
 Emission Start 08092145

18B
 08092145

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
984	0	27.0	2.8	1	290	3.0	984	0	26.5	1.0	1	300	5.8
971		28.5	2.6	240	210	1.7	965		28.8	1.4	300	280	5.5
884		24.0	-1.0	430	180	2.9	850	1287	20.2	-1.5	600	200	2.0
850	1283	20.5	-1.7	630	200	3.2	782		14.6	-4.1	850	220	2.4
813		16.7	-2.5	830	210	3.0	728		7.9	-7.7	1130	250	3.1
717		8.2	-9.3	1030	240	3.6	700	2920	6.7	-11.7	1400	240	3.9
702		7.5	-11.7	1230	260	3.4	695		6.6	-13.0	1860	240	5.6
700	2917	7.5		1460	250	3.2	650	3517	3.5		1910	240	0.8
650	3522	4.0		1700	240	3.0					2200	240	0.4
				1910	250	3.6					2430	240	5.4
				2130	250	5.7					2680	240	6.6
				2360	250	7.6					2900	240	9.3
				2580	250	8.0					3130	250	12.7
				2720	250	8.6					3360	250	13.6
				2870	250	10.0					3550	250	12.4
				3010	250	10.2							
				3170	250	10.7							
				3300	250	11.9							
				3420	250	12.0							

18C
 08092245

19A
 08112100
 08112145

984	0	25.0	0.5	1	310	4.6	986	0	23.5	6.6	1	310	8.9
972		26.9	1.4	300	310	3.8	920		20.4	2.2	300	250	10.2
922		25.0	1.2	600	310	2.5	850	1274	14.5	-1.2	570	280	10.7
850	1277	19.5	0.2	910	290	3.4	826		12.4	-2.6	900	270	9.6
768		13.0	-2.9	1200	280	3.0	700	2875	1.2	-3.2	1200	270	5.9
727		8.5	-5.4	1530	240	3.8	698		0.9	-3.2	1530	270	3.6
703		7.0	-12.1	1830	230	5.5	650	2462	-4.1	-10.3	1840	250	3.6
700	2917	6.7		2100	220	6.0					2140	210	5.2
650	3512	3.5		2300	230	6.5					2440	200	7.0
				2500	220	7.0					2730	200	8.4
				2680	230	8.0					3060	220	10.8
				2880	230	9.3					3370	230	13.0
				3080	240	11.2							
				3280	250	13.5							
				3480	260	14.4							

TABLE XX-1 (Cont)

Ascension No. 19B
 Ascension Start 08112230
 Emission Start

19C
 0811233

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
987	0	22.5	3.5	1	290	10.3	988	0	21.5	6.5	1	260	12.1
916		19.5	2.0	310	290	8.7	916		17.9	3.8	350	240	10.0
652		14.0	- 0.8	600	270	9.3	850		11.5	1.7	680	240	11.1
850	1284	13.7	- 0.5	860	250	10.5	830		9.4	1.0	1000	240	9.4
770		4.8	- 2.5	1130	230	9.8	722		- 1.1	- 2.7	1340	230	8.7
734		2.0	- 3.0	1400	230	9.6	700	1269	- 1.2	- 2.2	1700	230	7.7
700	2875	- 1.2	- 4.5	1750	230	10.7	677		- 1.2	- 1.3	2000	240	6.4
650	3462	- 5.5	- 7.4	2000	230	10.6	650	3447	- 3.4	- 3.4	2450	230	8.6
				2100	230	10.3					2800	230	10.6
				2210	240	12.0					3040	240	10.4
				2330	240	12.6					3280	250	10.3
				2450	240	10.6					3480	250	9.9
				2560	250	10.0							
				2780	250	9.0							
				3100	250	11.0							
				3380	240	14.1							

20A
 08132115
 08140021

20B
 08140000

991	0	21.0	5.0	1	210	3.5	991	0	17.2	2.8	1	230	3.4
982		25.0	6.6	180	160	3.7	980		22.3	4.4	300	200	1.2
967		25.4	5.0	310	150	3.9	964		22.6	3.7	570	160	1.0
925		22.0	3.6	480	150	4.2	918		19.9	0.4	830	150	1.3
893		18.8	2.6	600	150	2.6	850	1317	14.0	- 2.0	1100	140	1.7
860		15.6	0.6	800	170	1.7	792		8.6	- 4.9	1340	090	1.8
850	1326	14.7	- 1.2	950	160	1.3	726		3.9	-14.8	1570	060	2.6
793		10.3	- 9.4	1100	150	1.0	700	2917	2.7		1780	050	4.0
747		6.3	- 6.6	1280	120	0.5	650	3520	0.5		2000	040	4.3
710		4.7	-14.1	1430	030	1.3					2200	050	3.4
700	2933	3.7		1580	030	3.0					2420	010	1.2
650	3542	- 0.5		1740	050	3.6					2630	270	1.7
				1900	060	3.4					2840	270	1.8
				2060	060	3.6					3000	270	2.2
				2230	030	3.7					3150	270	2.6
				2400	020	4.8					3300	270	2.7
				2580	030	4.0					3440	270	2.8
				2770	080	1.0							
				2960	220	1.6							
				3140	250	2.2							
				3320	280	2.1							
				3500	280	2.6							

TABLE XX-1 (Cont)

Ascension No. 20C
 Ascension Start 08140100
 Emission Start

21A
 08142015
 08142108

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
991	0	17.0	1.9	1	260	2.2	983	0	26.0	0.6	1	160	2.4
975		23.4	4.9	300	210	1.8	974		27.8	0.6	330	200	2.7
850	1314	13.5	- 4.2	580	190	2.0	850	1265	16.7	- 2.5	600	270	3.9
845		13.1	- 5.0	830	150	0.8	831		14.9	- 2.5	900	300	4.0
792		9.0	- 4.9	1080	100	0.7	744		7.2	- 1.2	1150	290	3.5
724		4.0	-15.3	1350	120	1.1	732		6.6	- 4.2	1400	260	4.4
700	2914	5.7		1580	070	1.5	724		7.9	0.1	1600	290	4.0
692		3.8		1800	060	2.7	700	2878	5.5	- 0.2	1810	280	4.2
650	3517	0.9		2000	060	3.7	650	3462	0.5	- 1.3	2010	280	5.9
				2200	060	2.5					2220	280	6.9
				2400	020	0.8					2430	280	8.4
				2630	280	0.7					2630	280	9.3
				2850	260	1.5					2820	280	8.7
				3050	270	2.3					3000	280	7.2
				3240	270	2.1					3200	280	6.3
				3430	270	1.5					3450	280	6.4

21B
 08142115

21C
 08142215

983	0	24.0	5.8	1	310	6.3	983	0	24.6	7.3	1	310	7.9
951		25.0	1.9	320	290	6.4	962		25.4	5.0	340	310	6.5
890		21.0	- 0.4	610	250	3.2	917		23.1	2.6	630	300	5.6
850	1262	17.5	0.5	900	230	3.2	850	1262	17.5	- 0.2	900	290	4.2
732		5.6	- 1.8	1180	250	2.6	778		11.0	- 3.8	1200	250	3.2
708		3.5	- 4.0	1480	250	3.5	706		4.0	- 1.8	1500	230	5.2
700	2878	3.5	- 4.5	1780	260	4.8	700	2778	4.2	- 2.2	1800	230	6.2
696		3.5	- 5.0	2040	260	5.2	693		4.2	- 2.5	2090	240	6.6
680		2.5	- 2.2	2250	270	6.6	650		0.8	- 1.4	2380	250	7.0
650	3467	0.2	- 2.9	2460	270	8.3					2670	260	7.0
				2680	270	8.6					2950	270	8.2
				2810	270	7.7					3200	280	8.6
				2970	270	6.3					3430	280	7.9
				3100	270	5.2							
				3260	260	7.4							
				3400	260	9.8							

22A
 08172015
 08172050

22B
 08172100

983	0	20.0	3.6	1	300	5.8	983	0	18.5	3.7	1	320	6.1
938		18.5	2.8	370	300	9.4	936		18.1	2.8	360	300	7.9
850	1238	11.5	1.5	700	290	6.2	850	1235	13.2	2.7	700	290	5.5
748		2.5	- 2.5	1070	280	4.6	732		0.4	- 2.3	1030	280	3.9
728		1.4	- 4.9	1400	260	1.6	717		1.3	-10.2	1400	230	2.2
712		1.4	-10.6	1730	170	2.8	700	2817	0.7	-11.2	1750	200	3.8
700	2823	1.0	-11.0	2060	190	5.3	650	3402	- 1.3	-15.9	2100	210	4.0
650	3412	- 1.5	-16.0	2360	210	6.0					2400	220	6.0
				2680	240	7.0					2750	230	6.5
				3000	250	9.5					3070	240	7.9
				3310	250	11.0					3360	240	10.0

TABLE XX-1 (Cont)

Ascension No. 22C
 Ascension Start 08172200
 Emission Start

23A
 08181950
 08182050

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
984	0	17.5	4.5	1	310	5.0	983	0	21.0	4.2	1	270	4.2
966		17.9	4.5	170	310	6.0	974		23.0	5.0	450	280	2.4
906		14.5	1.8	300	330	6.0	850	1244	12.7	3.7	830	280	0.5
850	1238	10.0	1.0	430	330	6.6	700	2835	- 2.2	- 4.2	1200	140	0.5
792		5.0	- 1.0	580	330	6.3	698		- 2.4	- 4.2	1600	130	0.6
730		0.0	- 2.9	740	310	4.0	679		- 2.6	- 5.0	1930	940	0.6
717		1.3	-12.5	910	250	2.8	668		- 2.9	- 8.7	2270	640	0.4
700	2817	- 0.2	-13.7	1080	290	3.2	664		- 2.2	-14.3	2550	080	0.6
697		- 0.5	-14.5	1250	260	1.8	650	3417	- 3.2	-16.5	2830	100	1.0
665		- 1.0	-16.5	1380	190	2.2					3050	130	1.2
650	3407	- 2.2	-19.0	1510	190	2.6					3250	210	4.1
				1640	200	2.7					3430	210	4.8
				1800	190	2.8							
				1920	180	3.4							
				2030	180	3.8							
				2160	190	4.0							
				2300	190	4.4							
				2400	190	4.6							
				2530	220	5.5							
				2640	240	6.8							
				2760	250	6.8							
				2850	250	6.0							
				2960	240	6.7							
				3070	230	7.0							
				3180	230	8.3							
				3290	230	10.2							
				3400	230	11.8							

23B
 08182050

23C
 08182200

983	0	19.5	5.5	1	290	5.8	983	0	18.8	5.3	1	300	6.9
970		20.9	7.1	300	320	6.6	966		19.4	6.5	260	310	8.0
898		16.5	2.9	550	340	5.6	878		14.2	2.8	490	330	7.0
850	1241	12.2	2.2	800	360	2.7	850	1229	11.7	2.2	730	340	7.4
812		8.4	0.4	1080	100	1.0	754		2.8	- 1.5	1000	340	4.6
700	2826	- 2.6	- 4.0	1370	170	0.8	700	2814	- 1.5	- 4.2	1240	340	1.7
695		- 2.0	- 4.0	1670	160	1.0	690		- 2.2	- 4.5	1490	340	1.3
670		- 2.2	-12.8	1880	140	1.6	672		- 1.9	-14.4	1730	180	0.9
650	3417	- 3.1	-16.7	2070	120	1.3	650	3402	- 3.4	-17.0	1860	160	2.7
				2260	110	1.7					2000	150	3.0
				2450	110	2.2					2150	130	2.9
				2630	100	2.1					2530	130	3.0
				2830	140	2.2					2500	130	3.9
				3020	200	2.2					2650	120	1.5
				3200	250	2.4					2800	130	4.0
				3340	250	2.6					2990	130	4.4
											3100	190	5.0
											3240	210	6.8
											3400	230	8.1

TABLE XX-1 (Cont)

Ascension No. 24A
 Ascension Start 08242130
 Emission Start 08250002

24B
 08250000

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
989	0	21.4	2.2	1	160	1.1	989	0	17.5	-1.2	1	300	0.5
973		22.6	1.8	300	090	2.9	974		21.0	0.2	240	160	0.3
850	1293	12.2	-2.2	600	080	3.0	946		20.0	0.0	450	140	0.9
848		12.1	-2.1	860	070	3.4	860		12.4	-3.8	660	140	1.6
758		5.8	-1.8	1130	060	3.8	850	1290	11.7	-3.2	880	110	2.6
726		3.3	-11.0	1400	360	2.8	760		5.0	-0.2	1100	090	2.7
703		2.3	-15.7	1680	330	4.8	738		3.6	-4.9	1300	080	3.0
700	2890	2.2		1980	320	6.5	734		3.7	-11.1	1500	060	2.4
668		1.9		2250	320	6.5	712		5.0	-13.9	1700	360	3.3
650	3487	0.5		2540	340	5.6	700	2884	4.2		1880	340	4.9
				2740	330	4.7	695		4.1		2050	350	5.4
				2950	310	3.6	650	3472	0.4		2220	340	5.8
				3150	290	3.9					2380	340	5.6
				3300	290	3.4					2530	330	4.4
				3450	300	2.8					2680	320	4.0
											2820	300	4.7
											2980	290	5.5
											3160	280	6.0
											3310	270	6.7
											3480	270	7.0

24C
 08250100

25A
 08252100
 08252208

989	0	17.0	-2.1	1	320	0.7	981	0	24.0	4.9	1	310	5.5
976		21.4	3.1	400	270	0.5	874		18.5	2.4	300	310	10.8
850	1290	11.8	-3.5	700	170	0.2	850	1237.8	16.5	2.2	600	310	9.4
787		6.9	-1.3	950	150	0.4	732		5.9	-3.0	930	290	6.4
740		3.5	-2.5	1200	140	1.0	706		4.5	-13.8	1210	280	5.5
735		3.9	-8.2	1440	100	1.9	700	2850.2	4.2	-13.7	1530	280	4.8
724		4.7	-14.2	1670	050	2.1	672		2.0	-13.0	1810	270	6.0
709		5.1		1860	350	2.9	650		0.4	-7.5	2100	270	6.8
700	2884	4.5		2040	330	3.8					2380	260	7.2
650	3467	0.7		2220	340	4.4					2640	250	9.3
				2400	340	4.6					2930	250	11.0
				2580	340	3.2					3160	250	12.0
				2740	320	2.7					3380	250	12.4
				2930	290	3.9							
				3100	270	5.7							
				3260	270	7.5							
				3430	270	8.4							

TABLE XX-1 (Cont)

Ascension No. 25B
 Ascension Start 08252200
 Emission Start

25C
 08252300

P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)	P(mb)	Z(m)	T(°C)	T _d (°C)	Z(m)	D(deg)	V(m/sec)
981	0	23.5	3.9	1	320	10.4	981	0	23.0	3.0	1	310	7.3
944		23.0	4.5	300	300	10.8	879		16.9	1.0	310	310	12.4
860		17.1	- 4.8	580	290	8.8	850	1229	15.2	1.2	590	310	11.2
850	1235	16.2	- 4.2	860	290	7.9	798		12.0	- 0.1	850	300	8.8
756		8.4	- 0.4	1140	280	7.6	774		10.5	-10.3	1160	290	8.8
736		7.1	- 6.6	1400	270	6.6	702		3.0	- 4.0	1480	280	8.8
714		4.7	- 4.0	1680	260	4.0	700	2841	2.7	- 4.2	1800	260	8.4
700	2850	3.7	- 6.7	1900	240	4.8	678		1.0	- 9.5	2120	250	8.4
686		3.2	-10.4	2100	240	7.6	650	3427	- 2.1	- 5.3	2450	230	8.6
650	3427	- 0.6	- 8.3	2300	240	9.4					2770	230	9.8
				2500	240	8.9					3060	240	11.4
				2700	230	8.5					3310	240	12.0
				2900	240	9.8							
				3130	250	11.6							
				3390	250	13.1							

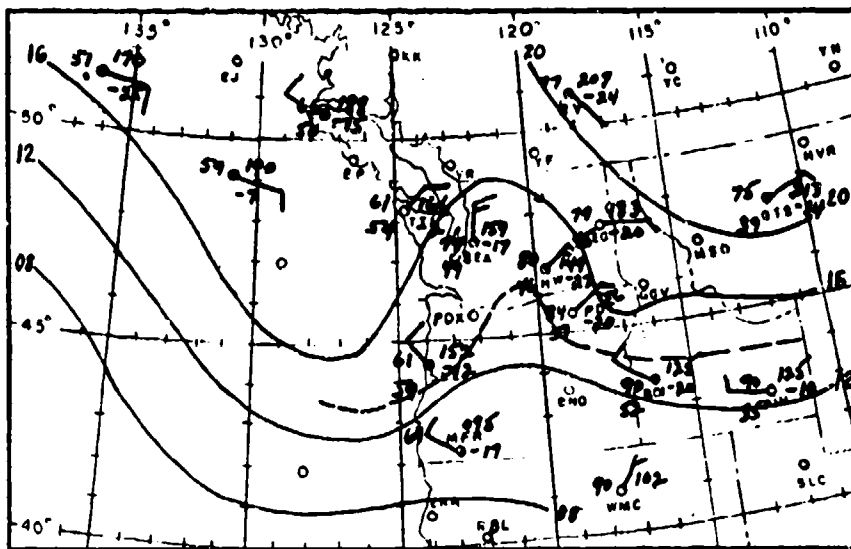
XXI Summary of Wind Predictions and Verifications

The problems that arose in the prediction of wind for the Green Glow program were discussed in Chapter III of Volume I. Several techniques for predicting velocities at the source of the generated plume were described. The first of these methods entailed the summing of the orthogonal components of the pressure gradient, which in turn were related to the observed wind velocities. The second method was a synoptic climatological application in which derived empirical orthogonal functions were used as analogues. Finally the down-valley component of the drainage wind was related to one particular orthogonal function, Q_3 , in the least-squares sense. The final prediction of the evening winds, which was given directly to the test director, resulted from a subjective consideration of these three independent predictions and other supplemental observational data available at the time.

The following figures are the 1600 PST synoptic sea-level maps from which the data for the predictions were obtained. The predicted and observed velocities are tabled below each figure. Each table consists of the following four parts: (A) modal velocities and significant departures obtained from the nomograms, (B) analogues of the empirical orthogonal functions, (C) the drainage velocity component from the regression equation, and (D) the final predicted velocity based on all the methods along with the velocities actually observed. Directions and speeds are averages for an hour and cover the period beginning at 2000 PST and ending at 2200 PST. The values of G_x and G_y defined in the earlier report have been multiplied by 10^3 and entered in the following figures.

A special experiment, designated as 98, was conducted on 30 August 1959. However, on that occasion the wind prediction techniques described in Chapter III were not used.

The wind predictions and verifications presented in this chapter were prepared by Mr. Charles Simpson, Hanford Laboratories, General Electric Company.



Field test no.: 1
Date : June 18, 1959

A. NOMOGRAM

$Q_x = (-)1761$

$Q_y = (-)3546$

Modal direction: NE (50%)

Modal speed : 2-7 (95%)

Other directions : NW (40%)

Other speeds : none

B. ANALOGUES

$Q_1 = (-)124$ $Q_2 = +152$ $Q_3 = (-)128$

First analogue: (none)

Observed direction and speed:
(2000-0200 PST)

Second analogue: (none)

Observed direction and speed:
(2000-0200 PST)

C. REGRESSION

V_p = Predicted highest hourly component speed: 1

V_o = Observed highest hourly component speed: 3

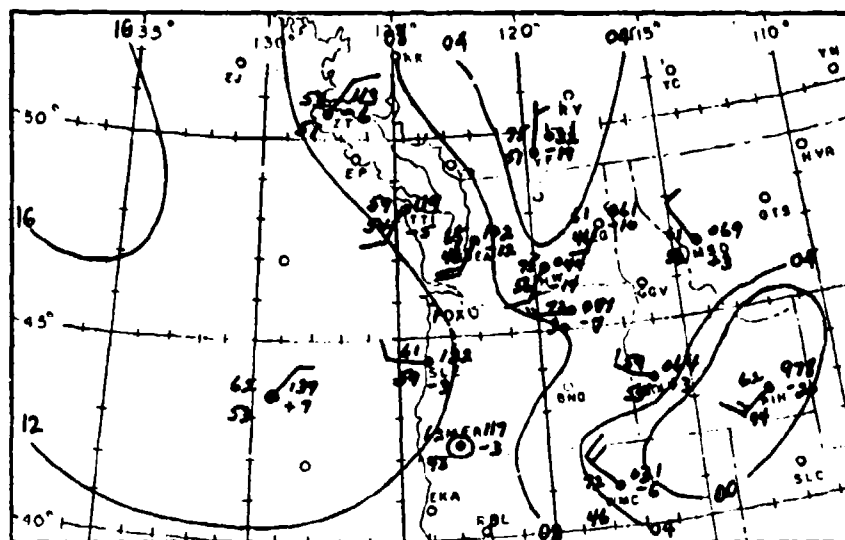
D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction: NNE NNE NNE WNW WNW WNW

Observed direction : NNE NNE NE NE WNW WNW

Predicted speed: 7 7 7 7 7 7

Observed speed : 6 4 5 3 3 8



Field test no.: 2
Date : June 25, 1959

A. NOMOGRAM

$G_x = 3616$

$G_y = 2826$

Modal direction: WNW (75%)

Modal speed : 8-17 (65%)

Other significant directions: SW (25%)

Other significant speeds : none

B. ANALOGUES

$Q_1 = (-)212$ $Q_2 = (-)68$ $Q_3 = (-)7$

First analogue: (none)

Observed direction and speed:

(2000-0200 PST)

Second analogue: (none)

Observed direction and speed:

(2000-0200 PST)

C. REGRESSION

V_p = Predicted highest hourly component speed: 10

V_o = Observed highest hourly component speed : 13

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:

WNW WNW WNW WNW WNW WNW

Observed direction :

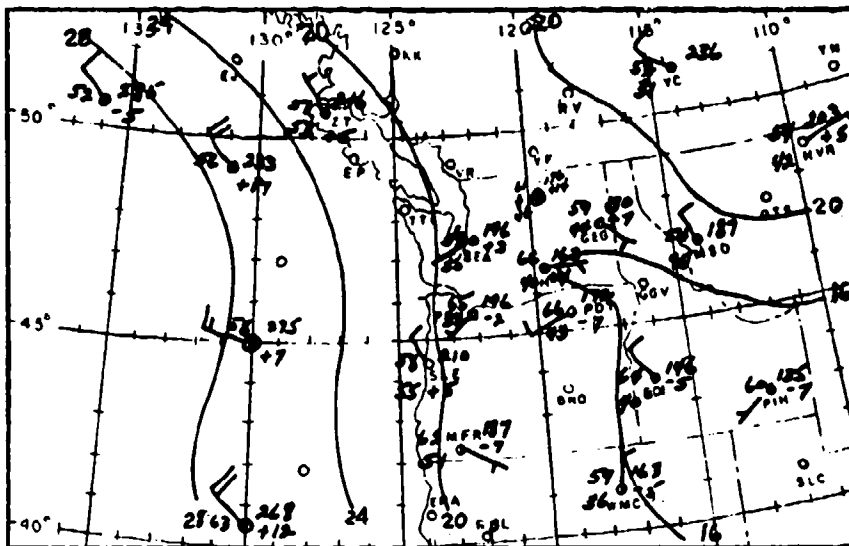
WNW NW WNW W W W

Predicted speed:

12 12 12 12 10 8

Observed speed :

12 13 14 11 14 12



Field test no.: 3
Date : June 28, 1959

A. NOMOGRAM

$G_x = 2022$
 $G_y = (-)1102$
Modal direction: WNW (60%)
Modal speed : none
Other significant directions: none
Other significant speeds : none

B. ANALOGUES

$Q_1 = 146$ $Q_2 = 8$ $Q_3 = (-)13$
First analogue: (160, 10, -25)
Observed direction and speed:
(2000-0200 PST)
Second analogue: (none)
Observed direction and speed:
(2000-0200 PST)

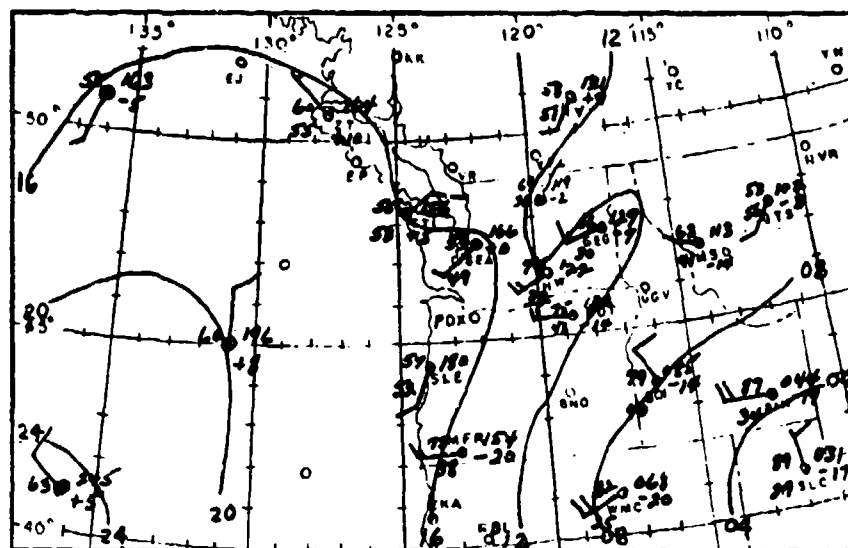
NW	WNW	WNW	NW	NW	WNW
13	13	9	10	10	10

C. REGRESSION

V_p = Predicted highest hourly component speed: 10
 V_o = Observed highest hourly component speed : 9

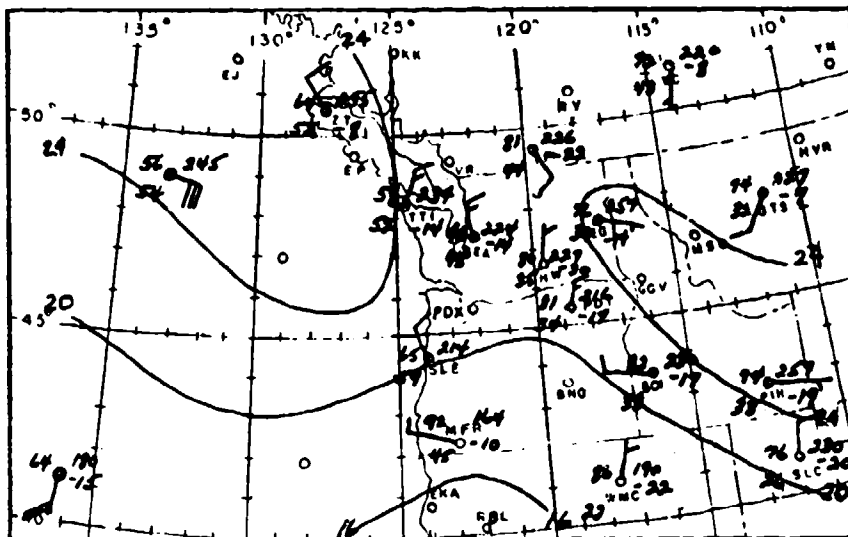
D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:	WNW	WNW	WNW	WNW	WNW	WNW
Observed direction :	NW	NW	W	NW	WNW	W
Predicted speed:	8	8	8	9	9	7
Observed speed:	9	8	7	9	9	7



Field test no.: 4
Date : July 6, 1959

- A. NOMOGRAM
 $G_x = 3439$
 $G_y = 526$
 Modal direction: NW (70%)
 Modal speed : 8-12
 Other significant directions: WSW (20%)
 Other significant speeds : 13-22
- B. ANALOGUES
 $Q_1 = (-)23$ $Q_2 = 10$ $Q_3 = 15$
 First analogue: (-35, 5, 40)
 Observed direction and speed:
 (2000-0200 PST) NW NW WNW W WNW WNW
 19 19 19 12 12 12
 Second analogue: (none)
 Observed direction and speed:
 (2000-0200 PST)
- C. REGRESSION
 V_p = Predicted highest hourly component speed: Area (3C), not applicable
 V_o = Observed highest hourly component speed: 14
- D. PREDICTION AND VERIFICATION (2000-0200 PST)
 Predicted direction: WNW WNW WNW WNW W W
 Observed direction : WNW WNW WNW W W W
 Predicted speed: 14 14 13 10 10 8
 Observed speed : 16 13 6 11 8 8



Field test no.: 5
Date : July 8, 1959

A. NOMOGRAM

$G_x = -3325$

$G_y = -4203$

Modal direction: WNW

Modal speed : 8-12

Other directions: none

Other speeds : none

B. ANALOGUES

$Q_1 = 174$ $Q_2 = 188$ $Q_3 = (-)80$

First analogue: (none)

Observed direction and speed:
(2000-0200 PST)

Second analogue: (none)

Observed direction and speed:
(2000-0200 PST)

C. REGRESSION

V_p = Predicted highest hourly component speed: 5

V_o = Observed highest hourly component speed: 9

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:

NNE NW NW WNW WNW WNW

Observed direction :

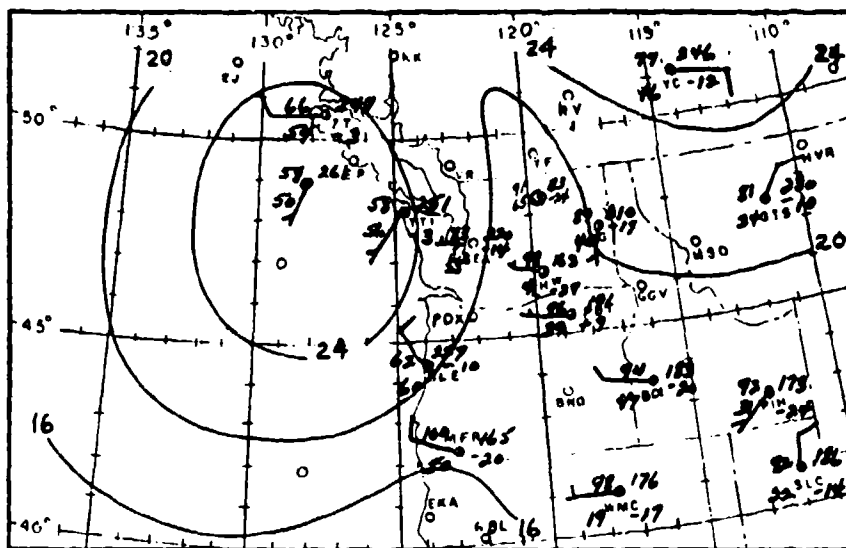
NW NW NW WNW WNW WNW

Predicted speed:

7 7 6 6 5 5

Observed speed :

8 9 8 7 9 10



Field test no.: 6
Date : July 10, 1959

A. NOMOGRAM

$Q_x = 251$
 $G_y = -1678$
Modal direction: NW (35%)
Modal speed : 0-7 (75%)
Other directions: SE (30%)
Other speeds : 8-13 (25%)

B. ANALOGUES

$Q_1 = 155$ $Q_2 = 93$ $Q_3 = (-)15$
First analogue: (170, 100, 5)
Observed direction and speed:
(2000-0200 PST)
Second analogue: (115, 70, (-)25)
Observed direction and speed:
(2000-0200 PST)

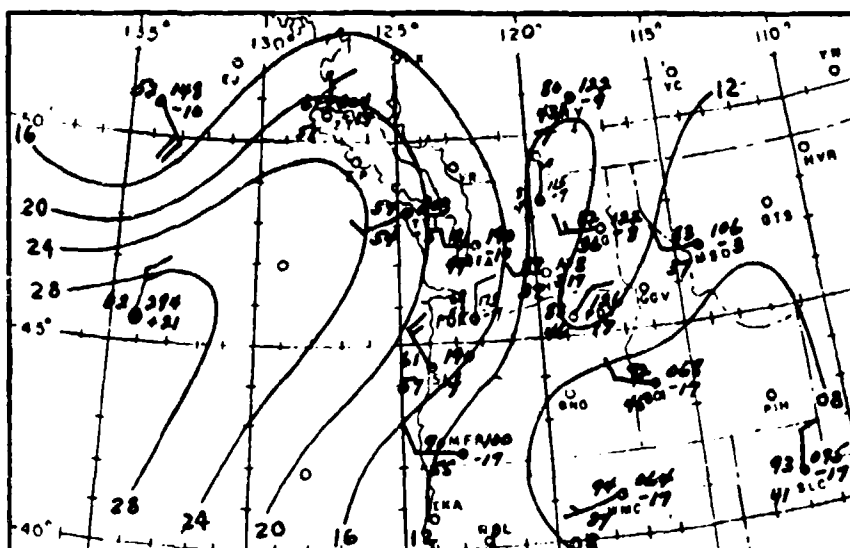
NW	NW	NW	WNW	NW	WNW
13	11	9	7	7	6
SE	SSE	8	NW	NW	NW
6	11	3	6	3	3

C. REGRESSION

V_F = Predicted highest hourly component speed: 10
 V_O = Observed highest hourly component speed: 14

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:	SE	SE	NW	NW	WNW	WNW
Observed direction :	ESE	NW	WNW	WNW	WNW	WNW
Predicted speed:	8	8	9	9	9	9
Observed speed :	8	14	13	12	13	8



Field test no.: 7
Date : July 13, 1959

A. NOMOGRAM

$G_x = 6178$
 $G_y = -253$
Modal direction: WNW (80%)
Modal speed : 18-27 (58%)
Other directions: E (15%)
Other speeds : 0-12 (36%)

B. ANALOGUES

$Q_1 = 25$ $Q_2 = (-)21$ $Q_3 = 43$
First analogue: (-5, 25, 20)
Observed direction and speed
(2000-0200 PST)
Second analogue: (20, -20, 5)
Observed direction and speed:
(2000-0200 PST)

NW	NW	NW	WNW	WNW	WNW
16	18	14	14	13	10

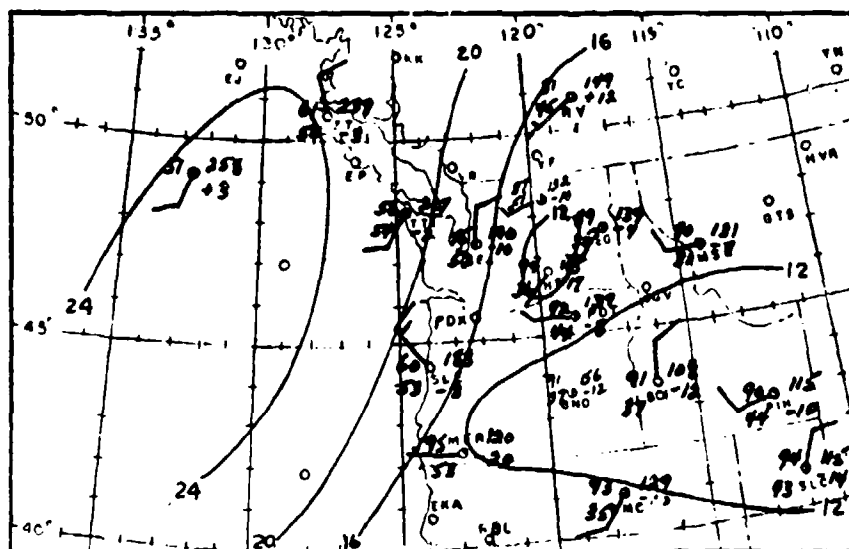
NW	NW	NW	NW	WNW	WNW
17	18	16	15	12	10

C. REGRESSION

V_p = Predicted highest hourly component speed: 20
 V_o = Observed highest hourly component speed: 10

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:	NW	NW	NW	WNW	WNW	WNW
Observed direction:	NW	WNW	NW	N	WNW	NW
Predicted speed:	15	15	13	11	10	10
Observed speed:	10	8	9	9	11	10



Field test no.: 8
Date : July 15, 1959

A. NOMOGRAM

$G_x = 4416$
 $G_y = (-)722$
Modal direction: WNW (70%)
Modal speed : 0-12 (55%)
Other directions: SW (20%)
Other speeds : > 12 (45%)

B. ANALOGUES

$Q_1 = 90$ $Q_2 = (-)20$ $Q_3 = 7$
First analogue: (90, 215, -5)
Observed direction and speed:
(2000-0200 PST)
Second analogue: (80, -45, 0)
Observed direction and speed:
(2000-0200 PST)

NW	NW	NW	WNW	W	WNW
20	19	13	8	7	8

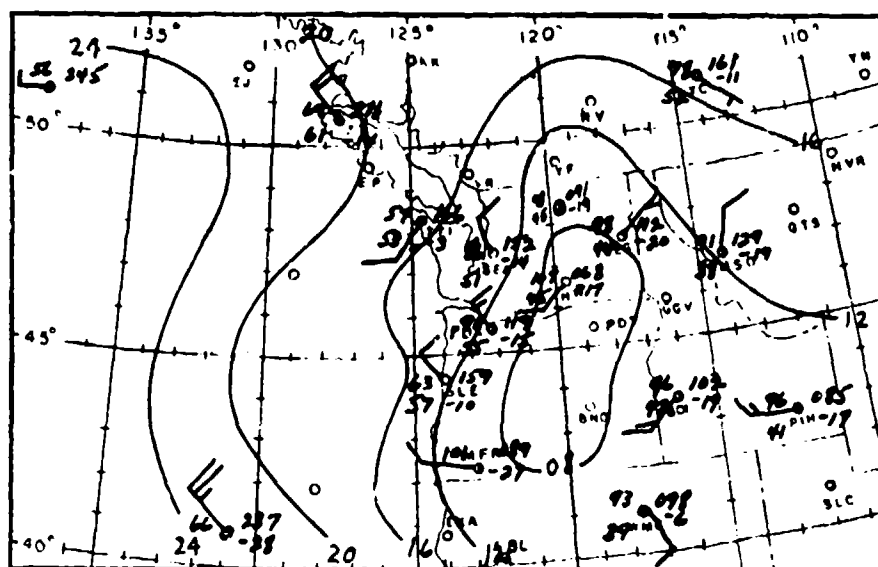
NW	NW	NW	NW	WNW	WNW
15	17	18	18	14	11

C. REGRESSION

V_p = Predicted highest hourly component speed: 11
 V_o = Observed highest hourly component speed: 11

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:	NW	NW	WNW	NW	WNW
Observed direction :	SSE	NNW	WNW	NW	WNW
Predicted speed:	11	11	11	11	8 6
Observed speed :	7	9	12	9	10 10



Field test no.: 10
Date : July 19, 1959

A. NOMOGRAM

$G_x = 2777$
 $G_y = (-)1858$
Modal direction: WNW (55%)
Modal speed: All intervals equally represented
Other directions: none
Other speeds : none

B. ANALOGUES

$Q_1 = 40$ $Q_2 = (-)4$ $Q_3 = (-)1$

First analogue: (40, 5, 0)

Observed direction and speed:
(2000-0200 PST)

Second analogue: (none)

Observed direction and speed:
(2000-0200 PST)

NW	NW	WNW	WNW	WNW	WNW
9	10	9	10	10	11

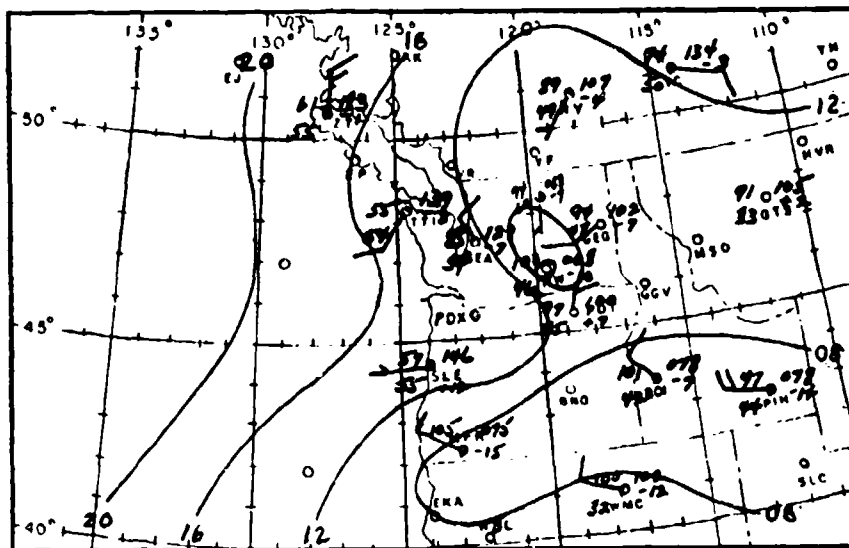
C. REGRESSION

V_p = Predicted highest hourly component speed: 12

V_o = Observed highest hourly component speed : 18

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:	NW	NW	WNW	WNW	WNW	WNW
Observed direction:	NW	NW	WNW	WNW	WNW	NW
Predicted speed:	15	16	17	14	12	10
Observed speed :	18	18	17	12	13	11



Field test no.: 11
Date : July 21, 1959

A. NOMOGRAM

$G_x = 1250$

$G_y = -627$

Modal direction: NW (60%)

Modal speed : 0-7 (50%)

Other directions: none

Other speeds : 8-12 (35%)

B. ANALOGUES

$Q_1 = (-)37$ $Q_2 = (-)83$ $Q_3 = (-)22$

First analogue: $(-50, -83, 0)$

Observed direction and speed:
(2000-0200 PST)

E	Calm	NNE	NE	W	NW
5	0	1	2	5	6

Second analogue: (none)

Observed direction and speed:
(2000-0200 PST)

C. REGRESSION

V_p = Predicted highest hourly component speed: 8

V_o = Observed highest hourly component speed: 8

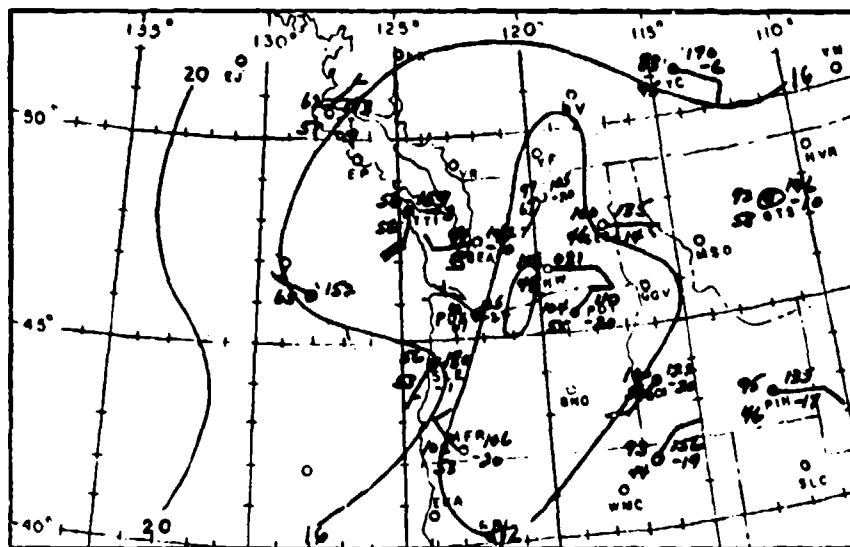
D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction: E WNW WNW WNW WNW WNW

Observed direction : SSE SSE NW WNW WNW NW

Predicted speed: 3 8 7 6 5 5

Observed speed : 11 8 8 6 7 5



Field test no.: 12
Date : July 22, 1959

A. NOMOGRAM

$G_x = 569$
 $G_y = (-)2098$
Modal direction: NW (45%)
Modal speed : 0-7 (97%)
Other directions: NE (20%)
Other speeds : none

B. ANALOGUES

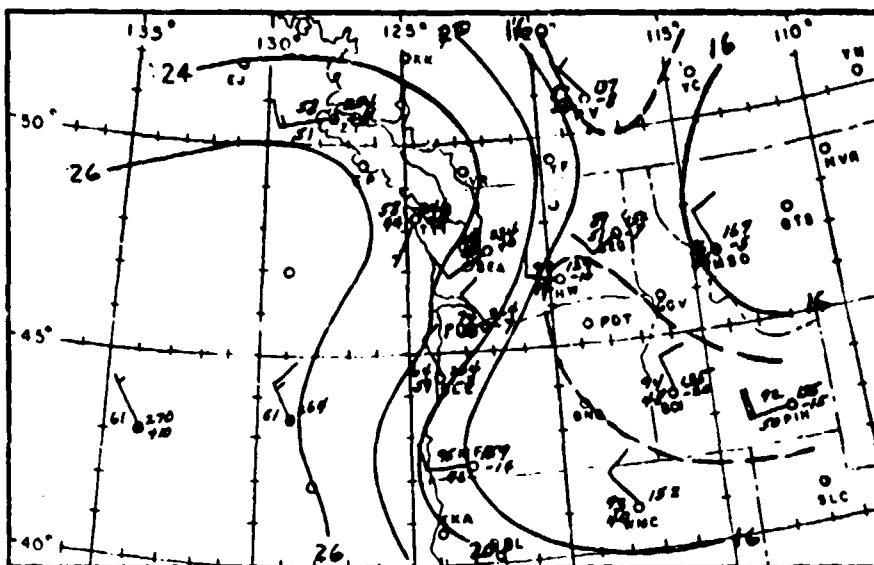
$Q_1 = (-)27$ $Q_2 = (-)26$ $Q_3 = 4$
First analogue: (none)
Observed direction and speed:
(2000-0200 PST)
Second analogue: (none)
Observed direction and speed:
(2000-0200 PST)

C. REGRESSION

V_p = Predicted highest hourly component speed: 12
 V_o = Observed highest hourly component speed : 6

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:	SE	8	WSW	WNW	WNW	WNW
Observed direction:	SE	SE	NNW	NW	NW	NW
Predicted speed:	4	6	6	7	8	8
Observed speed:	8	11	4	6	9	8



Field test no.: 13
July 24, 1959

A. NOMOGRAM

$G_x = 7828$

$G_y = 914$

Modal direction: WNW (80%)

Modal speed : > 12 (85%)

Other directions: none

Other speeds : 3-12 (15%)

B. ANALOGUES

$Q_1 = 138$ $Q_2 = 6$ $Q_3 = 49$

First analogue: (140, 0, 25)

Observed direction and speed:
(2000-0200 PST)

Second analogue: (180, -5, 40)

Observed direction speed:
(2000-0200 PST)

NW	WNW	NW	NW	WNW	WNW
20	18	16	14	14	12

WNW	WNW	WNW	WNW	WNW	WNW
20	21	20	18	15	14

C. REGRESSION

V_p = Predicted highest hourly component speed: 19

V_o = Observed highest hourly component speed : 18

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:

WNW	WNW	WNW	WNW	WNW	WNW
-----	-----	-----	-----	-----	-----

Observed direction:

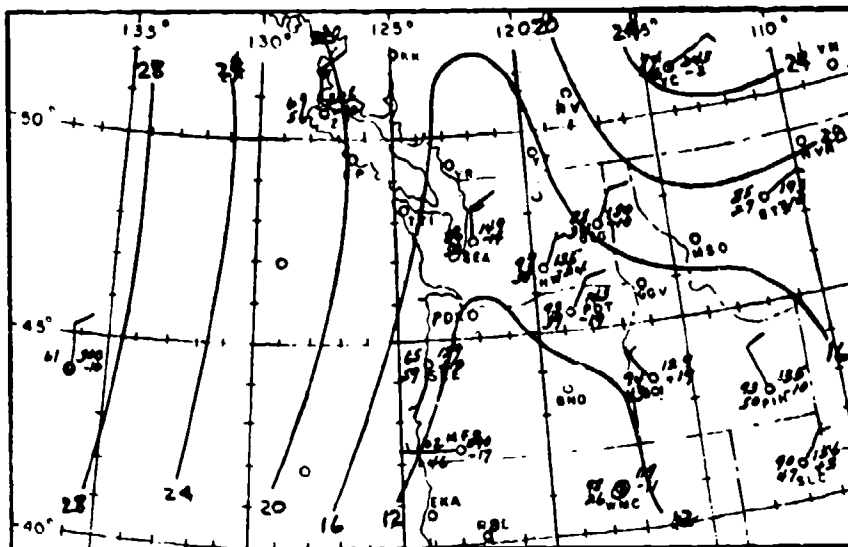
WNW	WNW	WNW	WNW	WNW	WNW
-----	-----	-----	-----	-----	-----

Predicted speed:

19	19	18	16	10	10
----	----	----	----	----	----

Observed speed :

19	19	11	12	7	7
----	----	----	----	---	---



Field test no.: 15
Date : July 30, 1959

A. NOMOGRAM

$G_x = 3801$
 $G_y = -5343$
Modal direction: WNW (100%)
Modal speed : 8-7 (85%)
Other directions: none
Other speeds : 3-17 (15%)

B. ANALOGUES

$Q_1 = 58$ $Q_2 = 16$ $Q_3 = (-)134$
First analogue: (75, 25, -95)
Observed direction and speed:
(2000-0200 PST)
Second analogue: (none)
Observed direction and speed:
(2000-0200 PST)

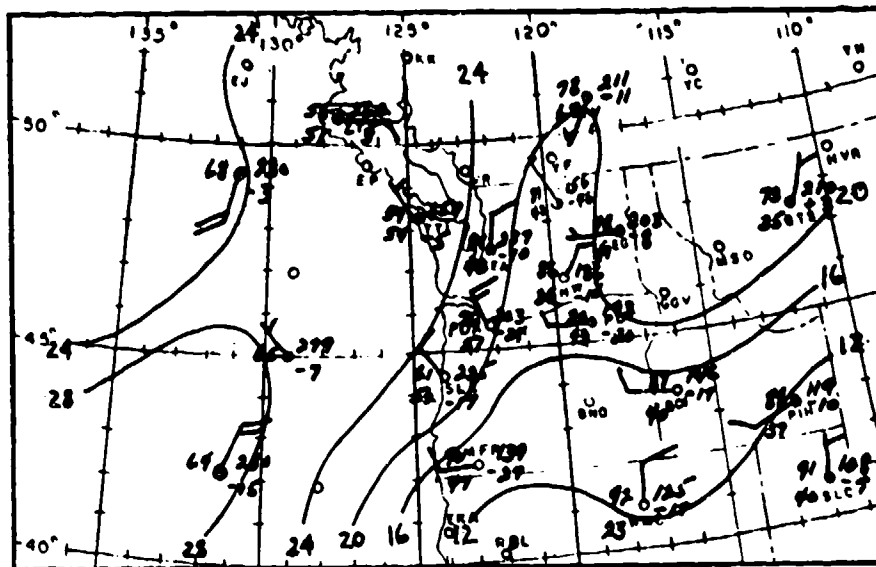
NNE	NE	E	SSW	NW	WNW
3	3	5	4	2	8

C. REGRESSION

V_p = Predicted highest hourly component speed: 2
 V_o = Observed highest hourly component speed : 7

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:	NE	NE	NE	W	WNW	NW
Observed direction :	N	NNW	NNW	NW	W	WNW
Predicted speed:	6	6	6	6	6	8
Observed speed :	8	6	7	6	6	8



Field test no.: 16
Date : August 5, 1959

A. NOMOGRAM

$G_x = 2336$

$G_y = (-)1295$

Modal direction: WNW (60%)

Modal speed : All speeds equally represented

Other directions: none

Other speeds : none

B. ANALOGUES

$Q_1 = 171$ $Q_2 = 81$ $Q_3 = 5$

First analogue: (none)

Observed direction and speed:
(2000-0200 PST)

Second analogue: (none)

Observed direction and speed:
(2000-0200 PST)

C. REGRESSION

V_p = Predicted highest hourly component speed: Area (3C), not applicable

V_o = Observed highest hourly component speed: 5

D. PREDICTION AND VERIFICATION (2000-0200 PST)

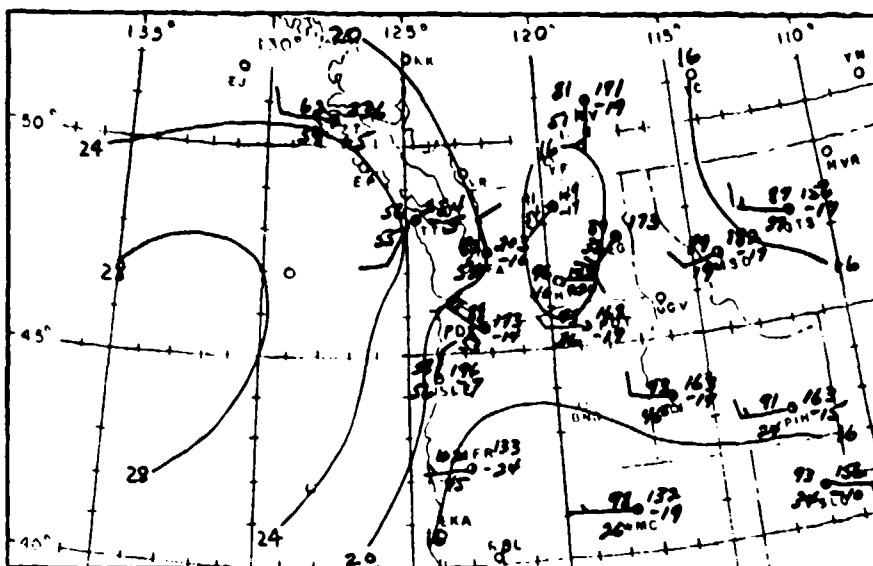
Predicted direction:

Observed direction :

Predicted speed:

Observed speed :

NE	W	NW	NW	WNW	WNW
SE	SW	WNW	WSW	WNW	WNW
5	7	10	9	8	7
5	8	5	5	9	9



Field test no.: 17
Date : August 7, 1959

A. NOMOGRAM

G_x = 1517
G_y = (-)257
Modal direction: NW (65%)
Modal speed : 0-7 (50%)
Other directions: none
Other speeds : 8-12 (30%)

B. ANALOGUES

$Q_1 = 102$ $Q_2 = 52$ $Q_3 = -27$
 First analogue: (95, 45, -40)
 Observed direction and speed:
 (2000-0200 PST)

E	SW	W	W	NW	W	W
3	5	4	6	8	7	6

Second analogue: (110, 45, -30)
 Observed direction and speed:
 (2000-0200 PST)

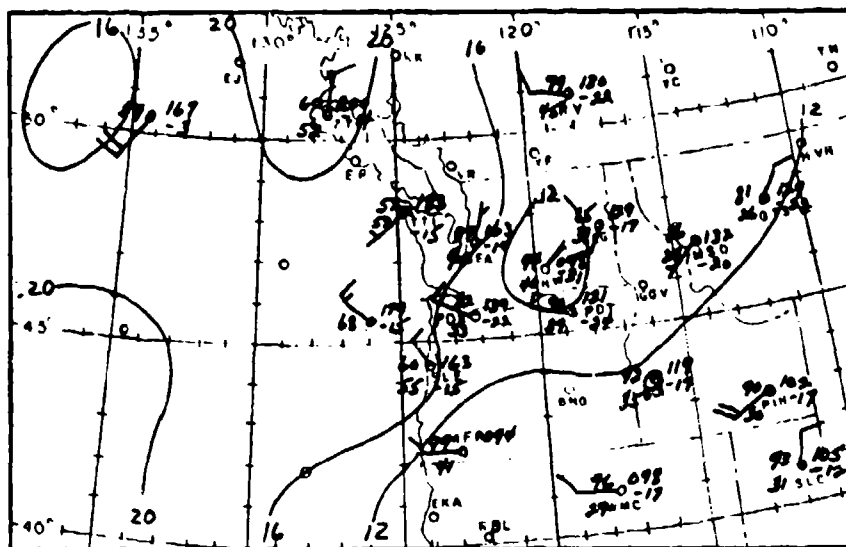
SSE	NW	W	W	W	W	W
10	4	6	6	8	7	4

C. REGRESSION

V_p = Predicted highest hourly component speed: Area (3C), not applicable
V_o = Observed highest hourly component speed : 17

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction: (2000-0200)	SE	SW	W	W	WNW	WNW
Observed direction :	WNW	WNW	NW	WNW	WNW	NW
Predicted speed:	4	5	7	8	8	8
Observed speed :	19	15	13	13	13	13



Field test no.: 18
Date : August 9, 1959

A. NOMOGRAM

$G_x = 2490$
 $G_y = (-)512$
Modal direction: NW (50%)
Modal speed : 3-12 (60%)
Other directions: WSW (25%)
Other speeds : 13-17 (20%)

B. ANALOGUES

$Q_1 = (1)25$ $Q_2 = 12$ $Q_3 = (-)5$
First analogue: (-15, 15, -15)
Observed direction and speed:
(2000-0200 PST)
Second analogue: none
Observed direction and speed:
(2000-0200 PST)

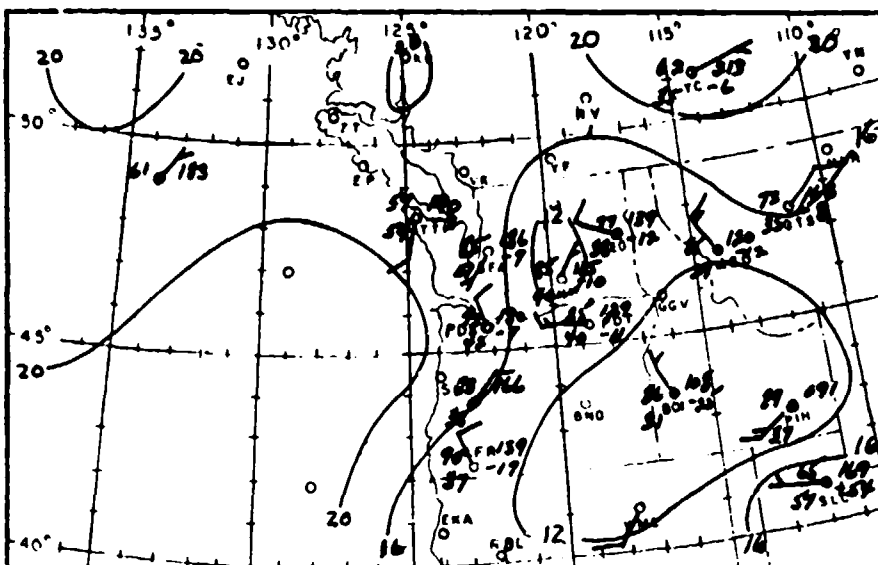
NNE	W	NW	WNW	W	NW
8	3	6	4	6	5

C. REGRESSION

V_p = Predicted highest hourly component speed: 11
 V_o = Observed highest hourly component speed: 16

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:	WSW	W	WNW	WNW	WNW	WNW
Observed direction :	WNW	WNW	NW	WNW	WNW	WNW
Predicted speed:	5	11	11	11	11	10
Observed speed :	4	9	16	11	8	7



Field test no.: 19
Date August 11, 1959

A. NOMOGRAM

$G_x = 5178$
 $G_y = (1)1419$
Modal direction: NW (50%)
Modal speed : 18-27 (50%)
Other directions: WSW (50%)
Other speeds : 3-12 (40%)

B. ANALOGUES

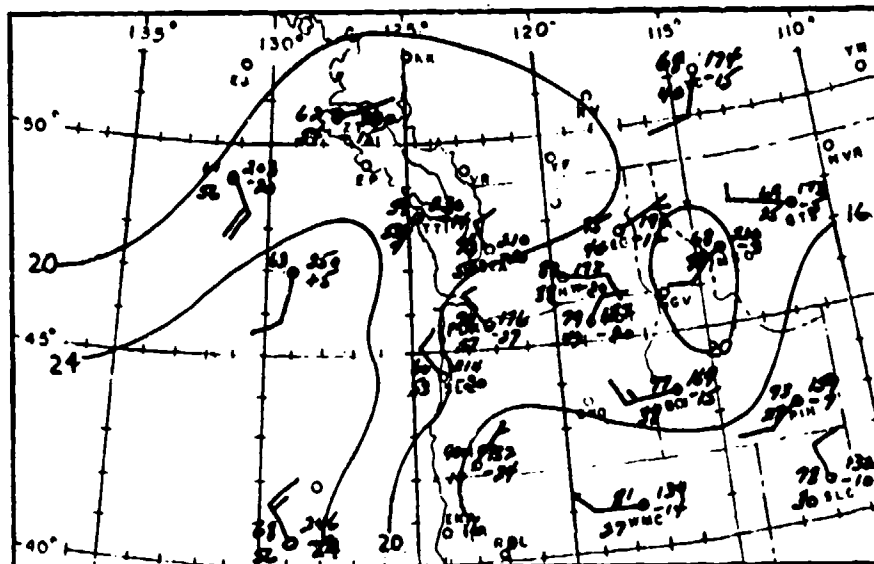
$Q_1 = 8$ $Q_2 = 31$ $Q_3 = 3$
First analogue: (10, 50, 5)
Observed direction and speed:
(2000-0200 PST) NNW NW NW NW NW WNW
 9 11 13 12 8 9
Second analogue: (0, 50, 5)
Observed direction and speed:
(2000-0200 PST) NW NW NW NW WNW NW
 10 12 10 9 8 7

C. REGRESSION

V_p = Predicted highest hourly component speed: 14
 V_o = Observed highest hourly component speed : 15

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:	NW	NW	NW	WNW	WNW	WNW
Observed direction:	WNW	WNW	WNW	WNW	NW	NW
Predicted speed:	14	14	14	13	9	7
Observed speed :	15	15	15	10	10	15



Field test no.: 20
Date : August 13, 1959

A. NOMOGRAM

$G_x = \{-79\}$
 $G_y = \{-628\}$
Modal direction: NW (70%)
Modal speed : 0-7 (60%)
Other directions: none
Other speeds : 8-17 (25%)

B. ANALOGUES

$Q_1 = 96$ $Q_2 = 101$ $Q_3 = 10$
First analogue: (110, 105, -20)
Observed direction and speed:
(2000-0200 PST)
Second analogue: (100, 140, 20)
Observed direction and speed:
(2000-0200 PST)

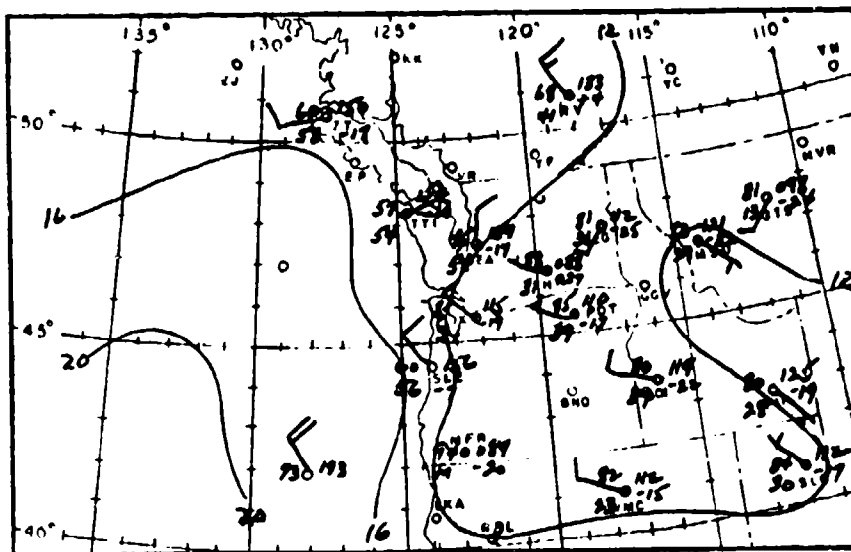
NE	WSW	WSW	WSW	W	WNW
1	7	7	8	6	4
NW	NW	NW	W	WNW	WNW
8	13	13	7	9	7

C. REGRESSION

V_p = Predicted highest hourly component speed: Area (3C), not applicable
 V_o = Observed highest hourly component speed : 4

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:	SE	SW	NW	NW	WNW	WNW
Observed direction:	8	8	8	8	8	8
Predicted speed:	5	5	11	10	7	7
Observed speed :	9	6	7	5	4	5



Field test no.: 21
Date : August 14, 1959

A. NOMOGRAM

$G_x = 1430$
 $G_y = (-)703$
Modal direction: NW (65%)
Modal speed : 0-7 (50%)
Other directions: none
Other speeds : 8-12 (30%)

B. ANALOGUES

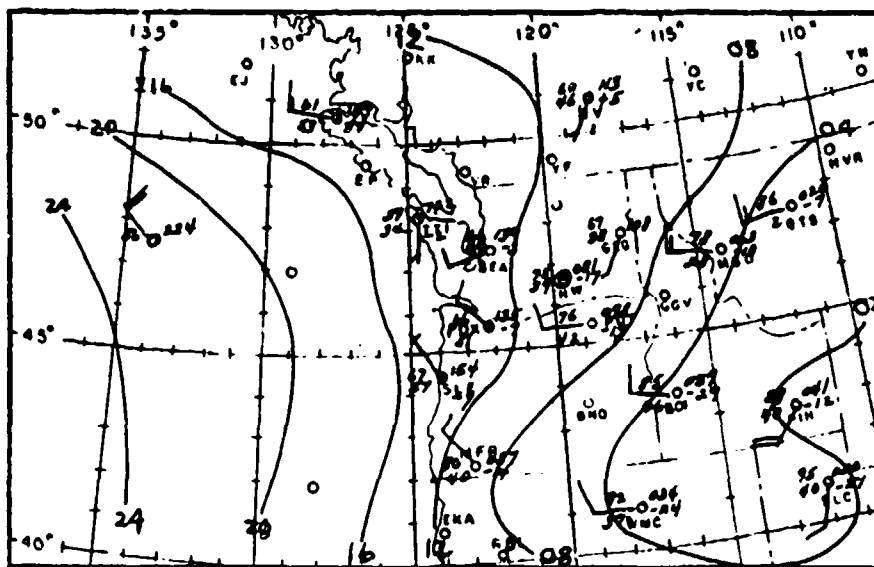
$Q_1 = (-)31$ $Q_2 = 4$ $Q_3 = (-)24$
First analogue: (-80, 30, -25)
Observed direction and speed: NW NW WNW WNW WNW WNW
(2000-0200 PST) 12 9 5 7 7 5
Second analogue: (-70, -5, -15)
Observed direction and speed: NW WNW W WNW W WNW
(2000-0200 PST) 9 8 7 8 7 8

C. REGRESSION

V_p = Predicted highest hourly component speed: Area (3C), not applicable
 V_o = Observed highest hourly component speed: 16

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:	WNW	WNW	WNW	WNW	WNW	WNW
Observed direction :	WNW	WNW	WNW	NW	WNW	WNW
Predicted speed:	10	10	9	8	8	8
Observed speed :	9	12	16	15	14	14



Field test no.: 22
Date : August 17, 1959

A. NOMOGRAM

$G_x = 3440$

$G_y = (-)491$

Modal direction: NW (35%)

Modal speed : All speeds represented equally

Other directions: SE (30%)

Other speeds : none

B. ANALOGUES

$Q_1 = (-)62$ $Q_2 = (-)64$ $Q_3 = (-)3$

First analogue: (-50, -40, 5)

Observed direction and speed:
(2000-0200 PST)

Second analogue: (-65, -50, 10)

Observed direction and speed:
(2000-0200 PST)

WNW	WNW	WNW	WNW	WNW	WNW
18	21	18	14	15	12

NW	NW	WNW	NW	WNW	W
21	19	17	9	11	7

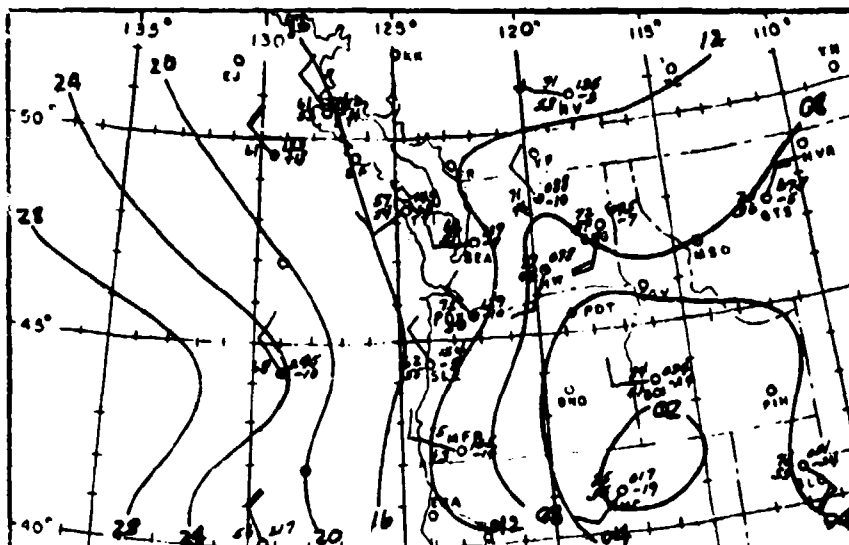
C. REGRESSION

V_p = Predicted highest hourly component speed: 10

V_o = Observed highest hourly component speed: 14

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:	WNW	WNW	WNW	WNW	WNW	WNW
Observed direction :	WNW	WNW	WNW	W	W	W
Predicted speed:	13	13	12	10	7	7
Observed speed :	14	15	13	10	7	6



Field test no.: 23
Date : August 18, 1959

A. NOMOGRAM

G₂ = 4015

$$G_y^x = (-)268$$

Modal direction: WNW (70%)

Modal speed : 0-12 (55%)

Other directions: SW (20%)

Other speeds : > 12 (45%)

B. ANALOGUES

$$Q_1 = (-)26 \quad Q_2 = (-)87 \quad Q_3 = (-)11$$

First analogue: $(-10, -85, -10)$

Observed direction and speed:

(2000-0200 PST)

NW	NW	WNW	WNW	WNW	W
9	13	12	13	11	10

Second analogue: (-15, -75, -10)

Observed direction and speed:

(2000-0200 PBT)

NW	WNW	NW	WNW	WNW	NW
15	13	12	10	10	14

C. REGRESSION

V_m = Predicted highest hourly component speed: 10

V_{20}^p = Observed highest hourly component speed : 16

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:

NW WNW WNW WNW WNW WNW

Observed direction :

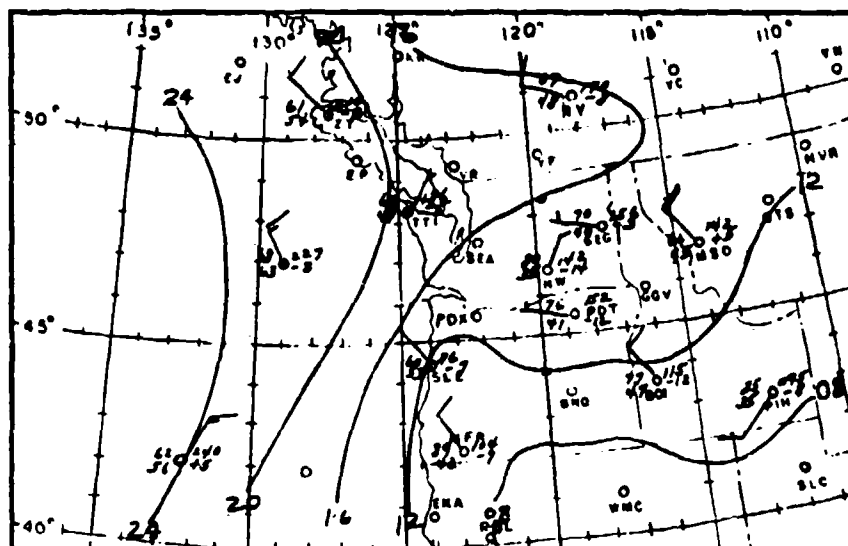
WTW WTW WTW WTW WTW WTW
WTW WTW WTW W WTW W

Predicted speed:

12 13 12 12 10 8

Observed speed :

15	16	15	9	12	9
----	----	----	---	----	---



Field test no.: 24
Date : August 24, 1959

A. NOMOGRAM

$Q_x = 258$
 $Q_y = (-)1804$
 Modal direction: NW (35%)
 Modal speed : 0-7 (75%)
 Other directions: SE (30%)
 Other speeds : 8-13 (25%)

B. ANALOGUES

$Q_1 = 74$ $Q_2 = (-)29$ $Q_3 = (-)83$
 First analogue: (65, 20, -65)
 Observed direction and speed:
 (2000-0200 PST)
 Second analogue: (70, -10, -70)
 Observed direction and speed:
 (2000-0200 PST)

SSE	SW	WNW	WNW	W	W
8	5	8	5	7	9

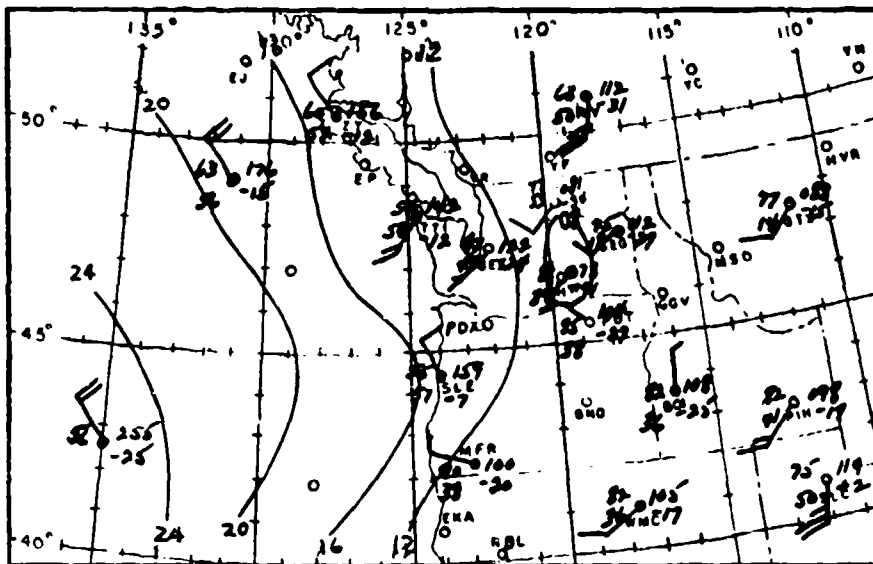
ENE WSW WSW W W WNW
2 5 6 6 5 4

C. REGRESSION

V_p = Predicted highest hourly component speed: 5
 V_o = Observed highest hourly component speed: 5

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:	SE	SW	WSW	WSW	W	WNW
Observed direction :	SE	SW	WSW	WNW	WNW	W
Predicted speed:	6	6	5	5	7	7
Observed speed :	6	5	5	5	12	9



Field test no.: 25
Date : August 25, 1959

A. NOMOGRAM

$G_x = 498$
 $G_y = 539$
Modal direction: NW (25%)
Modal speed : 0-7 (90%)
Other directions: SE (30%)
Other speeds : none

B. ANALOGUES

$Q_1 = (-)29$ $Q_2 = (-)73$ $Q_3 = (-)27$

First analogue: (-10, -80, -10)

Observed direction and speed:	NW	NW	WNW	WNW	WNW	W
(2000-0200 PST)	9	13	12	13	11	10

Second analogue: (-15, -75, -10)

Observed direction and speed:	NW	WNW	NW	WNW	WNW	NW
(2000-0200 PST)	15	13	12	10	10	14

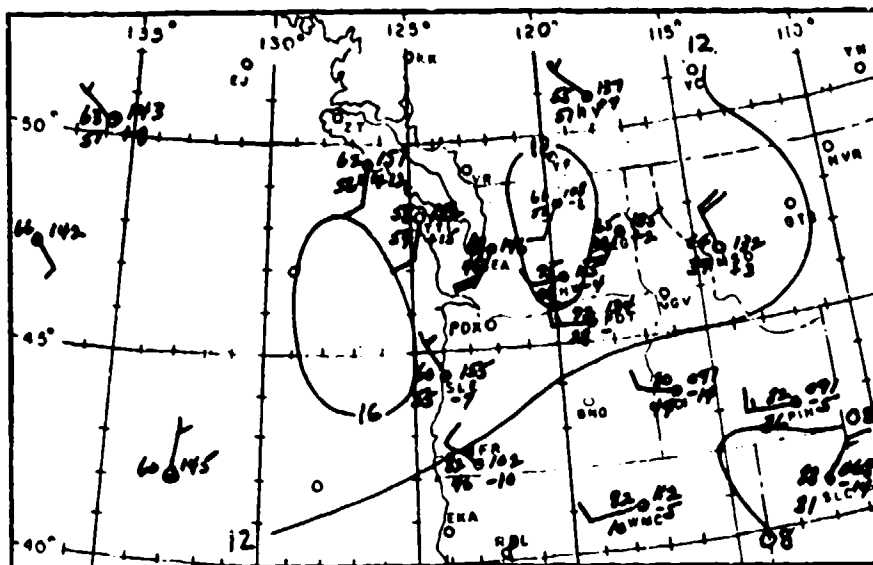
C. REGRESSION

V_p = Predicted highest hourly component speed: 8

V_o = Observed highest hourly component speed: 17

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:	WNW	WNW	WNW	WNW	WNW	WNW
Observed direction:	WNW	NW	WNW	WNW	W	WNW
Predicted speed:	14	15	13	12	10	8
Observed speed :	16	15	16	19	6	7



Field test no.: 26

Date : August 28, 1959

A. NOMOGRAM

$G_v = 720$

Q. - 1457

Modal direction: SE (50%)

Modal speed : 8-12 (45%)

Other directions: WNW (20%)

Other speeds : 0-7 (35%)

B. ANALOGUES

$$Q_1 = (-)125 \quad Q_2 = 54 \quad Q_3 = (-)37$$

First analogue: $(-85, 35, -25)$

Observed direction and speed:
(2000-0200 PST)

(2000-0200 PST)

Second analogue: none

Observed direction and speed:
(2000-0200 PST)

(2000-0200 P8T)

NW	NW	WNW	WNW	WNW	WNW
12	9	5	7	7	5

C. REGRESSION

V_p = Predicted highest hourly component speed: 8

V_0 = Observed highest hourly component speed : 14

D. PREDICTION AND VERIFICATION (2000-0200 PST)

Predicted direction:

Observed direction:

Predicted speed:

Observed speed :

NW	NW	WNW	WNW	WNW	WNW
NW	NW	NW	WNW	WNW	WNW
12	12	11	7	7	5
13	15	10	10	10	9

GEOPHYSICAL RESEARCH PAPERS

- No. 1. Isotropic and Non-Isotropic Turbulence in the Atmospheric Surface Layer, *Heinz Lettau, Dec 1949.*
- No. 2. Effective Radiation Temperatures of the Ozonosphere over New Mexico, *A. L. Adel, Dec 1949.*
- No. 3. Diffraction Effects in the Propagation of Compressional Waves in the Atmosphere, *Norman A. Haskell, Mar 1950.*
- No. 4. Evaluation of Results of Joint Air Force - Weather Bureau Cloud Seeding Trials Conducted During Winter and Spring 1949, *Charles E. Anderson, May 1950.*
- No. 5. Investigation of Stratosphere Winds and Temperatures From Acoustical Propagation Studies, *Albert P. Crary, Jun 1950.*
- No. 6. Air-Coupled Flexural Waves in Floating Ice, *F. Press, M. Ewing, A. P. Crary, S. Katz and J. Oliver, Nov 1950.*
- No. 7. Proceedings of the Conference on Ionospheric Research (June 1949), *edited by Bradford B. Underhill and Ralph J. Donaldson, Jr., Dec 1950.*
- No. 8. Proceedings of the Colloquium on Mesospheric Physics, *edited by N. C. Gerson, Jul 1951.*
- No. 9. The Dispersion of Surface Waves on Multi-Layered Media, *Norman A. Haskell, Aug 1951.*
- No. 10. The Measurement of Stratospheric Density Distribution with the Searchlight Technique, *L. Elterman, Dec 1951.*
- No. 11. Proceedings of the Conference on Ionospheric Physics (July 1950) Part A, *edited by N. C. Gerson and Ralph J. Donaldson, Jr., Apr 1952.*
- No. 12. Proceedings of the Conference on Ionospheric Physics (July 1950) Part B, *edited by Ludwig Katz and N. C. Gerson, Apr 1952.*
- No. 13. Proceedings of the Colloquium on Microwave Meteorology, Aerosols and Cloud Physics, *edited by Ralph J. Donaldson, Jr., May 1952.*
- No. 14. Atmospheric Flow Patterns and Their Representation by Spherical-Surface Harmonics, *B. Haurwitz and Richard A. Craig, Jul 1952.*
- No. 15. Back-Scattering of Electromagnetic Waves From Spheres and Spherical Shells, *A. L. Aden, Jul 1952.*
- No. 16. Notes on the Theory of Large-Scale Disturbances in Atmospheric Flow with Applications to Numerical Weather Prediction, *Philip D. Thompson, Jul 1952.*
- No. 17. The Observed Mean Field of Motion of the Atmosphere, *Yale Mintz and Gordon Dean, Aug 1952.*
- No. 18. The Distribution of Radiational Temperature Change in the Northern Hemisphere During March, *Julius London, Dec 1952.*
- No. 19. International Symposium on Atmospheric Turbulence in the Boundary Layer, Massachusetts Institute of Technology, 4-8 June 1951, *edited by E. W. Hewson, Dec 1952.*
- No. 20. On the Phenomenon of the Colored Sun, Especially the "Blue" Sun of September 1950, *Rudolf Penndorf, Apr 1953.*
- No. 21. Absorption Coefficients of Several Atmospheric Gases, *K. Watanabe, Murray Zelikoff and Edward C. Y. Inn, Jun 1953.*
- No. 22. Asymptotic Approximation for the Elastic Normal Modes in a Stratified Solid Medium, *Norman A. Haskell, Aug 1953.*
- No. 23. Forecasting Relationships Between Upper Level Flow and Surface Meteorological Processes, *J. J. George, et al, Aug 1953.*
- No. 24. Contributions to the Study of Planetary Atmospheric Circulations, *edited by Robert M. White, Nov 1953.*
- No. 25. The Vertical Distribution of Mie Particles in the Troposphere, *R. Penndorf, Mar 1954.*
- No. 26. Study of Atmospheric Ions in a Nonequilibrium System, *C. G. Stergis, Apr 1954.*
- No. 27. Investigation of Microbarometric Oscillations in Eastern Massachusetts, *E. A. Flauraud, A. H. Mears, F. A. Crowley, Jr., and A. P. Crary, May 1954.*

GEOPHYSICAL RESEARCH PAPERS (Continued)

- No. 28. The Rotation-Vibration Spectra of Ammonia in the 6- and 10-Micron Regions, *R. G. Breene, Jr., Jun 1954.*
- No. 29. Seasonal Trends of Temperature, Density, and Pressure in the Stratosphere Obtained With the Searchlight Probing Technique, *Louis Elterman, Jul 1954.*
- No. 30. Proceedings of the Conference on Auroral Physics, *edited by N. C. Gerson, Jul 1954.*
- No. 31. Fog Modification by Cold-Water Seeding, *Vernon G. Plank, Aug 1954.*
- No. 32. Adsorption Studies of Heterogeneous Phase Transitions, *S. J. Birstein, Dec 1954.*
- No. 33. The Latitudinal and Seasonal Variations of the Absorption of Solar Radiation by Ozone, *J. Pressman, Dec 1954.*
- No. 34. Synoptic Analysis of Convection in a Rotating Cylinder, *D. Fultz and J. Corn, Jan 1955.*
- No. 35. Balance Requirements of the General Circulation, *V. P. Starr and R. M. White, Dec 1954.*
- No. 36. The Mean Molecular Weight of the Upper Atmosphere, *Warren E. Thompson, May 1955.*
- No. 37. Proceedings on the Conference on Interfacial Phenomena and Nucleation; *Vol. I, Conference on nucleation; Vol. II, Conference on nucleation and surface tension; and Vol. III, Conference on adsorption; edited by H. Reiss, Jul 1955.*
- No. 38. The Stability of a Simple Baroclinic Flow With Horizontal Shear, *Leon S. Pocinki, Jul 1955.*
- No. 39. The Chemistry and Vertical Distribution of the Oxides of Nitrogen in the Atmosphere, *L. E. Miller, Nov 1954.*
- No. 40. Near Infrared Transmission Through Synthetic Atmospheres, *J. N. Howard, D. L. Burch and D. Williams, Nov 1955.*
- No. 41. The Shift and Shape of Spectral Lines, *R. G. Breene, Sep 1955.*
- No. 42. Proceedings of the Conference on Atmospheric Electricity, *R. Holzer and W. Smith, Nov 1955.*
- No. 43. Methods and Results of Upper Atmosphere Research, *J. Kaplan, G. Schilling and H. Kallman, Nov 1955.*
- No. 44. Luminous and Spectral Reflectance as Well as Colors of Natural Objects, *R. Penndorf, Feb 1956.*
- No. 45. New Tables of Mie Scattering Functions for Spherical Particles, Parts 1 through 6, *R. Penndorf and B. Goldberg, Mar 1956.*
- No. 46. Results of Numerical Forecasting With the Barotropic and Thermotropic Atmospheric Models, *W. Gates, L. S. Pocinki and C. F. Jenkins, Aug 1955.*
- No. 47. A Meteorological Analysis of Clear Air Turbulence (A Report on the U. S. Synoptic High-Altitude Gust Program), *H. Lake, Feb 1956.*
- No. 48. A Review of Charge Transfer Processes in Gases, *S. N. Ghosh, W. F. Sheridan, J. A. Dillon, Jr. and H. D. Edwards, Jul 1955.*
- No. 49. Theory of Motion of a Thin Metallic Cylinder Carrying a High Current, *C. W. Dubs, Oct 1956.*
- No. 50. Radar-Synoptic Analysis of Hurricane Edna, 1954, *E. Kessler, III and D. Atlas, Jul 1956.*
- No. 51. Cloud Refractive Index Studies, *R. M. Cunningham, V. G. Plank and C. F. Campen, Jr., Oct 1956.*
- No. 52. A Meteorological Study of Radar Angels, *V. G. Plank, Aug 1956.*
- No. 53. The Construction and Use of Forecast Registers, *I. Gringorten, i. Lund and M. Miller, Jun 1956.*
- No. 54. Solar Geomagnetic and Ionospheric Phenomena as Indices of Solar Activity, *F. Ward Jr., Nov 1956.*
- No. 55. Preparation of Mutually Consistent Magnetic Charts, *Paul Fougere and J. McClay, Jun 1957.*
- No. 56. Radar Synoptic Analysis of an Intense Winter Storm, *Edwin Kessler, III, Oct 1957.*
- No. 57. Mean Monthly 300- and 200-mb Contours and 500-, 300-, and 200-mb Temperatures for the Northern Hemisphere, *E. W. Wahl, Apr 1958.*

GEOPHYSICAL RESEARCH PAPERS (Continued)

- No. 58. Theory of Large-Scale Atmospheric Diffusion and its Application to Air Trajectories; *Vol. I; Vol. II*, The downstream probability density function for various constant values of mean zonal wind; *Vol. III*, The downstream probability density function for north america and eurasia: *S. B. Solct and E. M. Darling, Jr., Jun 1958.*
- No. 59. Project Prairie Grass, A Field Program in Diffusion; *Vol. I and Vol. II*, edited by *M. L. Barad*, Jul 1958; *Vol. III*, edited by *Duane A. Haugen*, Jun 1959.
- No. 60. Observations on Heavy Primary Cosmic Ray Nuclei Above the Atmosphere, *H. Yagoda*, Jul 1958.
- No. 61. A Numerical Investigation of the Barotropic Development of Eddies, *Manfred M. Holl*, Dec 1958.
- No. 62. Spurious Echoes on Radar, A Survey, *Vernon G. Plank*, May 1959.
- No. 63. Scientific Studies at Fletcher's Ice Island T-3, 1952-1955; *Vol. I*, Sep 1959; *Vol. II*, Dec 1959; *Vol. III*, Apr 1959; edited by *Vivian Bushnell*.
- No. 64. Meteorological Measurements and Field Program of "Projet Jet Stream" from 1956 to 1958, *Roy M. Endlich and Robert M. Rados*, Oct 1959.
- No. 65. Global Fallout and its Variability, *E. A. Martell*, Oct 1959.
- No. 66. Hydrodynamic Model of Diffusion Effects on Shock Structure in a Plasma, *O. W. Greenberg, H. K. Sen, and Y. M. Treve*, Dec 1959.
- No. 67. A Numerical Model for the Prediction of Hurricane Formation, *L. Berkofsky*, Mar 1960.
- No. 68. Absorption Coefficients of Air, *R. E. Meyerott, J. Sokoloff, and R. W. Nicholls*, Jul 1960.
- No. 69. Line Widths of Pressure Broadened Spectral Lines, *C. J. Tsao and B. Curnutte*, Sep 1960.
- No. 70. Problems of a Dynamical Theory in Statistical Physics, *N. N. Bogoliubov*, (Translated from Russian by *E. K. Gora*), Sep 1960.
- No. 71. The Chemistry and Vertical Distribution of Atomic Nitrogen in the Upper Atmosphere, *L. E. Miller*, Dec 1960.
- No. 72. A Study of the Pulsating Growth of Cumulus Clouds, *C. E. Anderson*, Dec 1960.

<p>AD</p> <p>Geophysics Research Directorate Air Force Cambridge Research Laboratories L. G. Hanscom Field, Bedford, Mass.</p> <p>THE GREEN GLOW DIFFUSION PROGRAM, Vol. II, by M.L. Barad and J.J. Fuguy (eds), April 1962. 305 pp incl. tables. AFCRL-62-251(II).</p> <p>This volume presents tabulations of the diffusion data and meteorological data collected during GREEN GLOW, which was a field investigation aimed at providing experimental data on the diffusion of an aerosol over a 16-mile range. Volume I describes the field site, forecasting techniques, diffusion-measuring methods, meteorological equipment, and operating procedures. The experiments were conducted at night during the Summer of 1959 on the U.S. Atomic Energy Commission's Hanford reservation near Richland, Washington.</p>	<p>UNCLASSIFIED</p> <p>1. Diffusion— Measurement 2. Micrometeorology— Measurement 3. Tracer studies</p> <p>I. Barad, M.L. (ed) II. Fuguy, J.J. (ed)</p>	<p>AD</p> <p>Geophysics Research Directorate Air Force Cambridge Research Laboratories L. G. Hanscom Field, Bedford, Mass.</p> <p>THE GREEN GLOW DIFFUSION PROGRAM, Vol. II, by M.L. Barad and J.J. Fuguy (eds), April 1962. 305 pp incl. tables. AFCRL-62-251(II).</p> <p>This volume presents tabulations of the diffusion data and meteorological data collected during GREEN GLOW, which was a field investigation aimed at providing experimental data on the diffusion of an aerosol over a 16-mile range. Volume I describes the field site, forecasting techniques, diffusion-measuring methods, meteorological equipment, and operating procedures. The experiments were conducted at night during the Summer of 1959 on the U.S. Atomic Energy Commission's Hanford reservation near Richland, Washington.</p>	<p>UNCLASSIFIED</p> <p>1. Diffusion— Measurement 2. Micrometeorology— Measurement 3. Tracer studies</p> <p>I. Barad, M.L. (ed) II. Fuguy, J.J. (ed)</p>
<p>AD</p> <p>Geophysics Research Directorate Air Force Cambridge Research Laboratories L. G. Hanscom Field, Bedford, Mass.</p> <p>THE GREEN GLOW DIFFUSION PROGRAM, Vol. II, by M.L. Barad and J.J. Fuguy (eds), April 1962. 305 pp incl. tables. AFCRL-62-251(II).</p> <p>This volume presents tabulations of the diffusion data and meteorological data collected during GREEN GLOW, which was a field investigation aimed at providing experimental data on the diffusion of an aerosol over a 16-mile range. Volume I describes the field site, forecasting techniques, diffusion-measuring methods, meteorological equipment, and operating procedures. The experiments were conducted at night during the Summer of 1959 on the U.S. Atomic Energy Commission's Hanford reservation near Richland, Washington.</p>	<p>UNCLASSIFIED</p> <p>1. Diffusion— Measurement 2. Micrometeorology— Measurement 3. Tracer studies</p> <p>I. Barad, M.L. (ed) II. Fuguy, J.J. (ed)</p>	<p>AD</p> <p>Geophysics Research Directorate Air Force Cambridge Research Laboratories L. G. Hanscom Field, Bedford, Mass.</p> <p>THE GREEN GLOW DIFFUSION PROGRAM, Vol. II, by M.L. Barad and J.J. Fuguy (eds), April 1962. 305 pp incl. tables. AFCRL-62-251(II).</p> <p>This volume presents tabulations of the diffusion data and meteorological data collected during GREEN GLOW, which was a field investigation aimed at providing experimental data on the diffusion of an aerosol over a 16-mile range. Volume I describes the field site, forecasting techniques, diffusion-measuring methods, meteorological equipment, and operating procedures. The experiments were conducted at night during the Summer of 1959 on the U.S. Atomic Energy Commission's Hanford reservation near Richland, Washington.</p>	<p>UNCLASSIFIED</p> <p>1. Diffusion— Measurement 2. Micrometeorology— Measurement 3. Tracer studies</p> <p>I. Barad, M.L. (ed) II. Fuguy, J.J. (ed)</p>

AD	UNCLASSIFIED	AD	UNCLASSIFIED
AD	UNCLASSIFIED	AD	UNCLASSIFIED
AD	UNCLASSIFIED	AD	UNCLASSIFIED
AD	UNCLASSIFIED	AD	UNCLASSIFIED